

# Agrisera

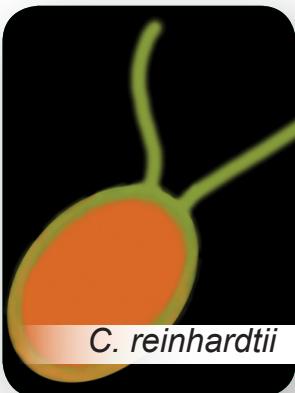


Catalogue of

## Primary and secondary antibodies for plant and algal cell biology



*A. thaliana*



*C. reinhardtii*



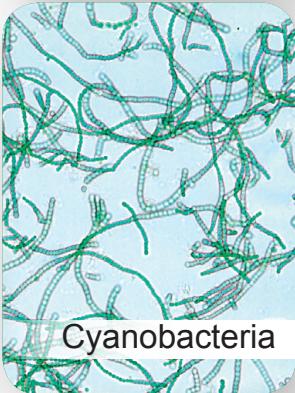
*Z. mays*



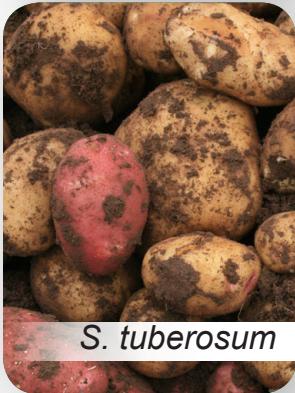
*O. sativa*



*S. lycopersicum*



Cyanobacteria



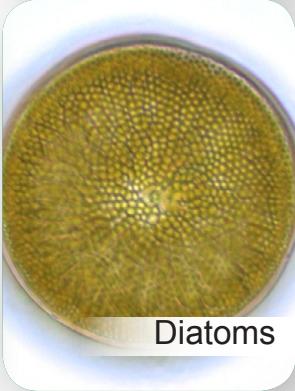
*S. tuberosum*



*H. vulgare*



Conifers



Diatoms



*S. oleracea*



*N. tabacum*



# Speed up your research with the most comprehensive plant and algal antibody collection on the market



All antibodies are carefully validated by our own testing team or in collaboration with scientists in the field.

## Contact us and we will help you to find the right antibody for your application

/Agrisera team



Fanny



Malin



Jim



Joanna



Linn

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# Global antibodies

## Start with Intelligent Design

Choosing antibodies raised against peptide sequences that are conserved across a wide range of species allows detection of the same protein in plants, mosses, diatoms, cyanobacteria and other phytoplankton.

## Protein Quantitation is Practical and Powerful

Tracking or predicting maximal capacities for major photosynthetic and biosynthetic processes in mixed communities is possible with global antibodies and standards.

## Quantitative Immunoblotting

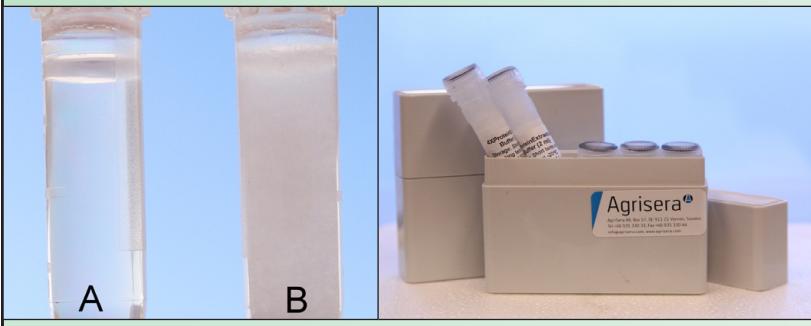
Pairing your antibody with its quantified protein standard provides both a positive control and statistical rigor - experiment to experiment & lab to lab.

Reference: Analysing photosynthetic complexes in uncharacterized species or mixed microalgal communities using global antibodies. *Physiologia Plantarum*, 2003; 119:322-327.

## Global antibodies - find your perfect pair

Antibody name/Product name	Product number	Unit size	Applications
1   PEB (4x)   protein extraction buffer	AS08 300	5 x 2 ml	PE
2   Rubisco quantitation kit	AS09 409	See web	WB
AtpB   beta subunit of ATP synthase (10 µl) (Host: Rabbit)	AS05 085-10	10 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase (100 µl) (Host: Chicken)	AS03 030	100 µl	WB, IL
AtpB   beta subunit of ATP synthase (100 µl) (Host: Rabbit)	AS05 085	100 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase, pre-immune serum (Host: Rabbit)	AS05 085PRE	100 µl,	
AtpB   positive control/quantitation standard	AS03 030S	250 µl	WB
CP43'   IsiA homolog of plant CP43 positive control/quantitation standard	AS10 111S	250 µl	WB
Elip   early light induced protein	AS06 147	200 µl	WB
FtsH1,2,3,4,5,6,7,8,9,10,11   ftsH metallo-protease H1+H2+H3+H4+H5+H6+H7+H8+H9+H10+H11	AS11 1789	500 µl	WB, BN-PAGE
FtsH2   FtsH2 positive control/quantitation standard	AS11 1789S	250 µl	WB
FtsZ1 and 2   plant cell division protein ftsZ1 and ftsZ2	AS09 413	50 µl	WB
FtsZ2   plant cell division protein ftsZ2	AS13 2651	50 µl	WB

## Protein Extraction Buffer (PEB)



A - Agrisera PEB - protein extraction buffer  
B - SDS containing protein extraction buffer

Agrisera PEB, 5x2ml.

An extraction buffer for quantitative isolation of total soluble/membrane protein from various tissues, optimized for subsequent western blot detection. The use of the anionic detergent LDS together with usage of a bead beater or the combination of sonication and freeze/thaw has been shown to increase the quantity of solubilized and non-degraded proteins when compared to other methods of cell disruption.

Product number: AS08 300



## Global antibodies - find your perfect pair

Antibody name/Product name	Product number	Unit size	Applications
GLN1 GLN2   GS1 glutamine synthetase, pre-immune serum	AS08 295PRE	100 µl	
GLN1 GLN2   GS1 GS2 glutamine synthetase global antibody	AS08 295	200 µl	WB
GlnA   glutamine synthetase	AS01 018	50 µl	WB
GlnA   glutamine synthetase positive control/quantitation standard	AS09 018S	250 µl	WB
GOGAT   glutamine oxoglutarate aminotransferase	AS07 242	200 µl	WB
H+ATPase   plasma membrane H+ATPase (chicken antibody)	AS13 2671	50 µg	WB
H+ATPase   plasma membrane H+ATPase   Blocking peptide	AS07 260P	500 µg	NeA
H+ATPase   plasma membrane H+ATPase	AS07 260	50 µl	WB, IF, IL
H+ATPase   plasma membrane H+ATPase, pre-immune serum	AS07 260PRE	100 µl	
HSP70/HSC70 Heat shock protein 70/Heat shock cognate protein 70, Affinity purified	AS05 083A	50 µg	WB, IP
HSP70/HSC70   Heat shock protein 70/Heat shock cognate protein 70 (serum)	AS05 083	100 µl	WB, IP
KDEL   endoplasmic reticulum retention signal (50 µg)	AS13 2665	50 µg	WB, IHC-P
NifH   nitrogenase iron protein	AS01 021A	200 µg	WB, IF
NifH   positive control/quantitation standard	AS01 021S	250 µl	WB
PEPC   phosphoenolpyruvate carboxylase positive control/quantitation standard	AS09 458S	100 µl	WB
PEPC   phosphoenolpyruvate carboxylase	AS09 458	50 µg	WB, IL
PEPCK   PEP carboxy kinase	AS07 241	200 µl	WB
PetC   Rieske iron-sulfur protein of Cyt b6/f complex	AS08 330	200 µl	WB
PetC   Rieske iron-sulfur protein of Cyt b6/f complex, protein standard	AS08 330S	250 µl	WB
PsaB   PSI-B core subunit of photosystem I	AS10 695-50	50 µl	WB
PsaB   PSI-B core subunit of photosystem I	AS10 695	200 µl	WB
PsaC   positive control/quantitation standard	AS04 042S	250 µl	WB
PsaC   PSI-C core subunit of photosystem I	AS10 939	200 µl	WB
PsaC   PSI-C core subunit of photosystem I (PsaC antibody + PsaC protein positive control )	AS04 042P	200 µl & 250 µl	WB
PsbA   D1 positive control/quantitation standard	AS01 016S	250 µl	WB
PsbA   D1 protein of PSII, C-terminal	AS05 084	100 µl	WB
PsbA   D1 protein of PSII, C-terminal (100 µl)	AS01 016	100 µl	WB
PsbA   D1 protein of PSII, C-terminal, pre-immune serum	AS05 084PRE	100 µl	
PsbA   D1 protein of PSII, N-terminal	AS11 1786	200 µl	WB
PsbA   D1 protein of PSII, phosphorylated	AS13 2669	50 µg	WB
PsbB   CP47 protein of PSII	AS04 038	50 µl	WB
PsbB   CP47 protein of PSII, pre-immune serum	AS04 038PRE	100 µl	
PsbD   D2 protein of PSII positive control/quantitation standard	AS09 146S	250 µl	WB
PsbD   D2 protein of PSII	AS06 146	50 µl	WB
PsbD   D2 protein of PSII, pre-immune serum	AS06 146PRE	100 µl	
RbcL   Rubisco large subunit, form I and form II (200 µl)	AS03 037-200	200 µl	WB, IF, TP
RbcL   Rubisco large subunit, form I and form II (50 µl)	AS03 037	50 µl	WB, TP, IF, IG
RbcL   Rubisco large subunit, form I	AS01 017	50 µl	WB, IL
RbcL   Rubisco positive control/quantitation standard	AS01 017S	100 µl	WB
Rubisco large subunit, pre-immune serum	AS03 037PRE	100 µl	
SPS   sucrose phosphate synthase, global	AS03 035A	200 µg	WB
PR-1 positive control/quantitation standard	AS10 687S	100µl	WB



# Loading control

Loading control			
Antibody name/Product name	Product number	Unit size	Applications
ACT   Actin	AS13 2640	50 µl	WB, IF
Actin-11	AS10 702	100 µg	WB, IF
AtpB   beta subunit of ATP synthase (100 µl) (Host: Chicken)	AS03 030	100 µl	WB, IL
AtpB   beta subunit of ATP synthase (100 µl) (Host: Rabbit)	AS05 085	100 µl	IF, WB, BN-PAGE
FtsZ   prokaryotic cell division GTPase, cyanobacterial	AS07 217	200 µl	WB, IL, IF
PsbO   33 kDa of the oxygen evolving complex (OEC) of PSII	AS06 142-33	260 µg	WB
PsbP   23 kDa protein of the oxygen evolving complex (OEC) of PSII	AS06 142-23	260 µg	WB
PsbP   23 kDa protein of the oxygen evolving complex (OEC) of PSII	AS08 305	100 µl	WB
RA   Rubisco activase	AS10 700	100 µl	WB
RbcL   Rubisco large subunit, form I and form II (50 µl)	AS03 037	50 µl	WB, TP, IF, IG
RbcL   Rubisco large subunit, form I	AS01 017	50 µl	WB, IL
RPN6   26S proteasome non-ATPase regulatory subunit 9 - Under development**	AS15 2832	-	
Tubulin alpha chain	AS10 680	200 µl	WB, IF
Tubulin beta chain	AS10 681	100 µg	IF, WB

## ECL Bright

### Agrisera ECL Bright

(art.no. AS14 ECL-10, AS14 ECL-100, AS14 ECL-1L)

AgriseraECL Bright for Western Blot detection is a high quality substrate for detection of horseradish peroxidase enzyme activity at femtogram levels. It is a ready to use 2 component system with low background and superior signal-to-noise ratios.

**Trial pack** is available for 12 EUR, please inquire: support@agrisera.com

## TMB Enhanced HRP substrate

### Agrisera TMB Enhanced HRP substrate for ELISA

(art.no. AS14 TMB-E-HRP-10, AS14 TMB-E-HRP, AS14 TMB-E-HRP-1L)

AgriseraTMB Enhanced HRP Peroxidase Microwell Substrate is designed to detect and quantify specific peptide/protein/hormone in a complex mixture in the enzyme-linked immunosorbent assay (ELISA).

**Trial pack** is available for 12 EUR, please inquire: support@agrisera.com



# Compartment markers

## Compartment markers - Cell wall

Antibody name/Product name	Product number	Unit size	Applications
CesA4 (IRX5)   Cellulose synthase A catalytic subunit 4 [UDP-forming]	AS12 2582	50 µl	WB
CesA7 (IRX3)   Cellulose synthase A catalytic subunit 7 [UDP-forming]	AS12 2581	50 µl	WB
CesA8 (IRX1)   Cellulose synthase A catalytic subunit 8 [UDP-forming]	AS12 2580	50 µl	WB
XTH-Xet   XET5 Xyloglucan xyloglucosyl transferase	AS08 319	100 µl	WB, ELISA

## Compartment markers - Chloroplast marker

Antibody name/Product name	Product number	Unit size	Applications
AO   apoplastic ascorbate oxidase	AS06 184	100 µl	WB
CRD1   cyanobacterial homolog of plant CHL27 cyclase	AS06 122	50 µl	WB
Cyt c6   thylakoid lumen cytochrome c6 protein	AS06 202	200 µl	WB
PC   plastocyanin	AS06 141	200 µl	WB, IF
PGL35   plastoglobulin 35	AS06 116	200 µl	WB, IF
PRK ribulose-5-P-kinase   phosphoribulokinase - Under development**	AS07 257	-	WB
PsbA   D1 protein of PSII, C-terminal	AS05 084	100 µl	WB
PsbA   D1 protein of PSII, phosphorylated	AS13 2669	50 µg	WB
RbcL   Rubisco large subunit, form I and form II (50 µl)	AS03 037	50 µl	WB, TP, IF, IG
Tic40   chloroplast inner envelope membrane translocon complex protein	AS10 709	200 µl	WB, IF
Toc75   chloroplast outer envelope membrane translocon complex OEP75 protein	AS06 150	200 µl	WB

## Compartment markers - Cytoplasm marker

Antibody name/Product name	Product number	Unit size	Applications
ACT   Actin	AS13 2640	50 µl	WB, IF
cFBPase   cytosolic fructose-1,6-bisphosphatase (cytoplasm marker in photosynthetic tissues)	AS04 043	100 µl	WB
NAB1   nucleic acid binding protein 1, Chlamydomonas	AS08 333	50 µl	WB, IF
RbcL   Rubisco large subunit, form I and form II (50 µl)	AS03 037	50 µl	WB, TP, IF, IG
SPS   sucrose phosphate synthase, maize	AS06 185	100 µl	WB
UGPase   UDP-glucose pyrophosphorylase (cytoplasm marker)	AS05 086	200 µl	WB

## Compartment markers - ER marker

Antibody name/Product name	Product number	Unit size	Applications
BiP   luminal-binding protein (Host: Rabbit)	AS09 481	50 µg	ELISA, WB, IF, IG
BiP   luminal-binding protein (Host: Chicken)	AS09 614	100 µg	WB, IF
BiP   luminal-binding protein	AS09 615	100 µg	WB
HDEL   endoplasmic reticulum retention signal (100 µg)	AS10 683	100 µg	WB, IF, IG
KDEL   endoplasmic reticulum retention signal (50 µg)	AS13 2665	50 µg	WB, IHC-P
SMT1   Sterol methyltransferase 1	AS07 266	200 µg	WB, IL

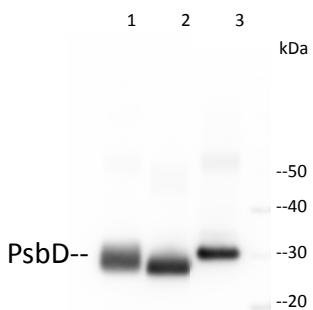
## Compartment markers - Golgi marker

Antibody name/Product name	Product number	Unit size	Applications
Arf1   ADP-ribosylation factor 1	AS08 325	200 µl	WB, IF
Sec21p   gamma subunit, COP vesicles	AS08 327	200 µl	WB, IF



## Chloroplast thylakoid membrane

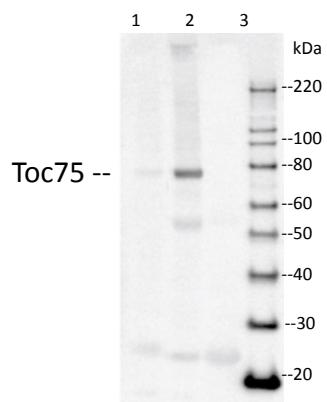
- 1 *Nicotiana* total leaf
- 2 *Nicotiana* chloroplast
- 3 PsbD recombinant standard



PsbD enrichment in chloroplast fraction (lane 2) relative to total leaf protein (lane 1).

## Chloroplast outer membrane

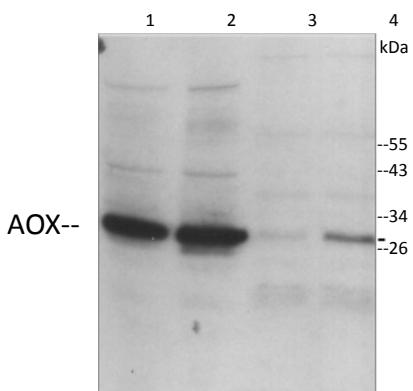
- 1 *Arabidopsis* total leaf
- 2 *Arabidopsis* chloroplast envelope
- 3 *Arabidopsis* thylakoids



Toc75 enrichment in chloroplast envelope fraction (lane 2) relative to total leaf (lane 1) and thylakoid enriched fractions (lane 3).

## Mitochondrion

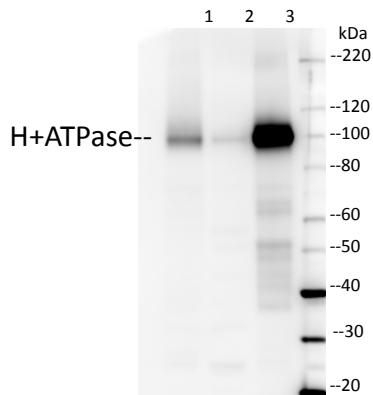
- 1 *Arabidopsis* mitochondria (WT)
  - 2 *Arabidopsis* mitochondria (AOX OE\*)
  - 3 *Arabidopsis* total leaf (WT)
  - 4 *Arabidopsis* total leaf (AOX OE\*)
- \* OE overexpressing line



AOX enrichment in mitochondrial fraction (lanes 1,2) relative to total leaf (lanes 3,4).

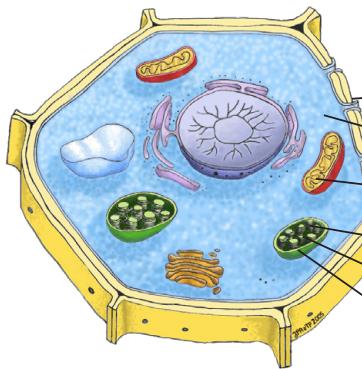
## Plasma membrane

- 1 *Nicotiana* total leaf
- 2 *Nicotiana* chloroplast
- 3 *Nicotiana* plasma membrane enriched fraction



H+ ATPase enrichment in plasma membrane fraction (lane 3) relative to total leaf (lanes 1) and chloroplast (lane 2).





### Antibodies toward compartment/fraction marker proteins

Fraction*	Antibody marker**	Positive control & calibrated standard	Species range
Plasma membrane	H+ATPase (AS07 260)		Plants; Algae
Cytosol	PEPC (PEP carboxylase) (AS09 458)	PEPC standard (AS09 458S)	Plants; Algae; Cyanobacteria
Mitochondrion	Aox I/II (alternative oxidase) (AS04 054)	AOX 1/2 standard (AS04 054S)	Plants; Algae; Bacteria
Chloroplast – thylakoid	PsbD (AS06 146)	PsbD standard (AS09 146S)	Plants; Algae; Cyanobacteria
Chloroplast – stroma	RbcL, rubisco large subunit (AS03 037)	RbcL standard (AS01 017S)	Plants; Algae; Cyanobacteria
Chloroplast – outer membrane	Toc75 (AS06 150)		Monocots; Dicots

\*Antibody markers are also available for: ER, golgi, nucleus, peroxisome, vacuole.

\*\*Subset of available antibody markers. Find a compete list at agrisera.com

### Compartment markers - Mitochondrial marker

Antibody name/Product name	Product number	Unit size	Applications
AOX1   alternative oxidase 1	AS06 152	100 µl	WB
AOX1/2   plant alternative oxidase 1 and 2	AS04 054	200 µl	WB, IL
COXII   cytochrome oxidase subunit II	AS04 053A	50 µg	WB, BN-PAGE
COXII   cytochrome oxidase subunit II   Blocking peptide	AS04 053P	500 µg	NeA
COXIIb   cytochrome oxidase subunit II b	AS06 151	100 µl	WB
GDC-H   H protein of glycine decarboxylase complex (GDC)	AS05 074	200 µl	WB
Idh   isocitrate dehydrogenase	AS06 203A	180 µg	WB
SHMT   serine hydroxymethyltransferase	AS05 075	200 µl	WB
VDAC1   voltage-dependent anion-selective channel protein 1	AS07 212	200 µg	WB, BN-PAGE, IL

### Compartment markers - Nuclear marker

Antibody name/Product name	Product number	Unit size	Applications
H3   histone H3	AS10 710	100 µl	WB, IF

### Compartment markers - Peroxisomal marker

Antibody name/Product name	Product number	Unit size	Applications
Cat   Catalase (peroxisomal marker)	AS09 501	50 µl	WB
DEG15   endopeptidase, peroxisomal marker	AS10 711	100 µg	WB
GOX   Glycolate oxidase 1,2,3 - Under development**	AS14 2772	-	WB
HPR   hydroxypyruvate reductase (peroxisomal matrix marker)	AS11 1797	100 µl	WB
Pex14p   peroxisomal marker	AS08 372	200 µg	WB

### Compartment markers - Plasma membrane marker

Antibody name/Product name	Product number	Unit size	Applications
H+ATPase plasma membrane H+ATPase (chicken antibody)	AS13 2671	50 µg	WB
H+ATPase   plasma membrane H+ATPase	AS07 260	50 µl	WB, IF, IL

### Compartment markers - Plastidial marker

Antibody name/Product name	Product number	Unit size	Applications
GOGAT   glutamine oxoglutarate aminotransferase	AS07 242	200 µl	WB



### Compartment markers - Vacuolar marker

Antibody name/Product name	Product number	Unit size	Applications
PR-2   GLU I   class I beta-1,3-glucanase	AS07 208	2 mg	WB, IL
PR-3   CHN   class I chitinase	AS07 207	2 mg	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase (200 µl)	AS07 213	200 µl	WB, IHC
V-ATPase   epsilon subunit of tonoplast H+ATPase (affinity purified)	AS09 577A	200 µg	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase   Blocking peptide	AS07 213P	500 µg	NeA
V-ATPase   epsilon subunit of tonoplast H+ATPase	AS09 577	300 µl	WB

### Need confirmation of subcellular fraction purity?

The Plant Cell Compartment Antibody Marker Set is a collection of antibodies which allows estimation of fraction purity for a range of plant species including *Arabidopsis thaliana*. Some antibodies are accompanied by a protein standard which can be used as a positive control and for quantitation.

Marker antibodies can be either purchased separately or at a discounted rate as a set of 5 or 10 antibodies of your choice.

## Bioenergetics

### Bioenergetics

Antibody name/Product name	Product number	Unit size	Applications
AtpA   alpha subunit of ATP synthase	AS08 304	100 µl	WB
ATPase   ATP synthase, whole enzyme	AS08 370	100 µl	WB
AtpB   beta subunit of ATP synthase (10 µl) (Host: Rabbit)	AS05 085-10	10 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase (100 µl) (Host: Chicken)	AS03 030	100 µl	WB, IL
AtpB   beta subunit of ATP synthase (100 µl) (Host: Rabbit)	AS05 085	100 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase, pre-immune serum (Host: Rabbit)	AS05 085PRE	100 µl	
AtpB   positive control/quantitation standard	AS03 030S	250 µl	WB
AtpC   gamma subunit of ATP synthase	AS08 312	100 µl	WB
AtpD   CF1 delta subunit of ATP synthase, Affinity purified	AS10 1590	100 µl	WB
AtpD   CF1 delta subunit of ATP synthase, Serum	AS10 1591	100 µl	WB
AtpE   epsilon subunit of ATP synthase	AS10 1586	100 µl	WB
AtpF   CF0I subunit of ATP synthase	AS10 1604	100 µl	WB
AtpG   ATPsynthase subunit II b', chloroplastic	AS09 457	100 µl	WB
AtpH   ATP synthase subunit c	AS05 071	200 µl	WB
AtpH   ATP synthase subunit c	AS09 591	100 µl	WB
AtpI   CFoIV subunit of ATP synthase	AS10 1583	100 µl	WB
Ca2+-ATPase   calmodulin-stimulated calcium-ATPase	AS09 486	100 µl	WB, ELISA
NDPK   nucleoside diphosphate kinase	AS08 302	200 µl	WB



# Carbohydrates

## Carbohydrates

Antibody name/Product name	Product number	Unit size	Applications
3-hydroxybutyrate dehydrogenase	AS09 562	10 mg	WB, ELISA, IF, IHC
3-hydroxybutyrate dehydrogenase, Affinity purified	AS09 564	1 mg	WB, ELISA, IF, IHC
3-hydroxybutyrate dehydrogenase, Biotin conjugated	AS09 563	1 ml	WB, ELISA, IF, IHC
ACC synthase 7   1-aminocyclopropane-1-carboxylate synthase 7	AS14 2774	100 µg	WB
ADGP   ADP-glucose pyrophosphorylase	AS11 1739	50 µl	WB
AKIN10   SNF1-related protein kinase catalytic subunit alpha KIN10	AS10 919	50µg	WB
AKIN11   SNF1-related protein kinase catalytic subunit alpha KIN11	AS10 920	200 µg	WB
AKINB2   SNF1-related protein kinase regulatory subunit beta-2	AS09 462	200 µg	WB
ALD   fructose-1,6 bisphosphate aldolase	AS08 294	100 µl	WB
Alpha-mannosidase	AS09 452	10 mg	WB, ELISA, IF, IHC
Alpha-mannosidase, Affinity purified	AS09 650	1 mg	WB, ELISA, IF, IHC
Alpha-mannosidase, Biotin conjugated	AS09 453	1 ml	WB, ELISA, IF, IHC
AMY   Alpha-amylase	AS10 712	100 µl	WB
ARP4   Actin-related protein 4 - Under development**	AS14 2817	-	WB
ATUAP1   UDP-N-acetylglucosamine diphosphorylase 2 - Under development**	AS15 2829	-	
Beta amylase - Under development**	AS14 2763	-	WB
Beta-amylase, Biotin conjugated	AS09 380	1 ml	WB, ELISA, IF, IHC
cFBPase   cytosolic fructose-1,6-bisphosphatase (cytoplasm marker in photosynthetic tissues)	AS04 043	100 µl	WB
Enolase	AS10 651	200 µl	WB
Exo1   exoglucanase isoenzyme 1	AS08 322	100 µl	WB, ELISA
FBA   Fructose-bisphosphate aldolase class 2	AS13 2731	50 µl	WB
Fucose	AS07 268	50 µg	WB, IL
GLUC   beta-glucosidase	AS09 449	10 mg	WB, ELISA, IF, IHC
GLUC   beta-glucosidase, Affinity purified	AS09 451	1 mg	WB, ELISA, IF, IHC
GLUC   beta-glucosidase, Biotin conjugated	AS09 450	1 ml	WB, ELISA, IF, IHC
GLYR glyoxylate reductase	AS09 542	10 mg	WB, ELISA, IF, IHC
GLYR   glyoxylate reductase, Affinity purified	AS09 544	1 mg	WB, ELISA, IF, IHC
GLYR   glyoxylate reductase, Biotin conjugated	AS09 543	1 ml	WB, ELISA, IF, IHC
ICL   isocitrate lyase	AS09 500	100 µl	WB, ELISA
MDH   Malate dehydrogenase, cytoplasmic	AS13 2706	50 µl	WB
Oxalate oxidase	AS09 518	1 mg	WB, ELISA, IF, IHC
Oxalate oxidase, Biotin conjugated	AS09 519	1 ml	WB, ELISA, IF, IHC
PEPC   phosphoenolpyruvate carboxylase positive control/quantitation standard	AS09 458S	100 µl	WB
PEPC   phosphoenolpyruvate carboxylase	AS09 458	50 µg	WB, IL
PPDK   PYRUVATE ORTHOPHOSPHATE DIKINASE - Under development**	AS13 2647	-	
PRK ribulose-5-P-kinase  phosphoribulokinase (monocot)	AS09 464	200 µl	WB
Ramy 3D   Alpha-amylase isozyme 3D	AS10 716	100 µg	WB
SPP-2   Sucrose-phosphatase-2 - Under development**	AS12 2227-100	-	WB
SPS   sucrose phosphate synthase, global	AS03 035A	200 µg	WB
SPS   sucrose phosphate synthase, maize	AS06 185	100 µl	WB
Sucrose synthase 4 - Under development**	AS11 1796	-	WB
SUS1   Sucrose synthase 1 - Under development**	AS15 2830	-	



## Carbohydrates

Antibody name/Product name	Product number	Unit size	Applications
SUS4   Sucrose synthase 4 - Under development**	AS13 2748	-	WB
TPS1   Trehalose-6-phosphate synthase 1	AS12 2635	50 µl	WB
UGPase   UDP-glucose pyrophosphorylase (cytoplasm marker)	AS05 086	200 µl	WB
Xylose	AS07 267	50 µg	WB

## Developmental biology

### Developmental biology - Cytoskeleton

Antibody name/Product name	Product number	Unit size	Applications
ACT   Actin	AS13 2640	50 µl	WB, IF
Actin-11	AS10 702	100 µg	WB, IF
FtsZ   prokaryotic cell division GTPase, cyanobacterial	AS07 217	200 µl	WB, IL, IF
FtsZ1 and 2   plant cell division protein ftsZ1 and ftsZ2	AS09 413	50 µl	WB
FtsZ2   plant cell division protein ftsZ2	AS13 2651	50 µl	WB
MPK4   Mitogen-activated protein kinase 4	AS12 2107	200 µg	WB
Tubulin alpha chain	AS10 680	200 µl	WB, IF
Tubulin beta chain	AS10 681	100 µg	IF, WB

### Developmental biology - Ion transport

Antibody name/Product name	Product number	Unit size	Applications
AKT1   potassium channel AKT1	AS09 516	200 µg	WB
AtpB   beta subunit of ATP synthase (10 µl) (Host: Rabbit)	AS05 085-10	10 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase (100 µl) (Host: Chicken)	AS03 030	100 µl	WB, IL
AtpB   beta subunit of ATP synthase (100 µl) (Host: Rabbit)	AS05 085	100 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase, pre-immune serum (Host: Rabbit)	AS05 085PRE	100 µl	
Ca2+-ATPase   calmodulin-stimulated calcium-ATPase	AS09 486	100 µl	WB, ELISA
Fer1   ferritin 1 (pre-apoferritin)	AS06 126	200 µl	WB
Ferritin (plant)	AS10 674	200 µl	WB
KC1   potassium channel KAT3	AS09 515	200 µg	WB
NHE-1   Na+/H+ antiporter, sodium/hydrogen exchanger	AS09 484	100 µl	ELISA, WB
Pht1-1/2   root phosphate transporter isoform 1-1 and 1-2	AS08 321	100 µl	WB, ELISA
Pht1-6   root phosphate transporter isoform 1-6	AS08 320	100 µl	WB, ELISA
V-ATPase   epsilon subunit of tonoplast H+ATPase (200 µl)	AS07 213	200 µl	WB, IHC
V-ATPase   epsilon subunit of tonoplast H+ATPase (affinity purified)	AS09 577A	200 µg	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase   Blocking peptide	AS07 213P	500 µg	NeA
V-ATPase   epsilon subunit of tonoplast H+ATPase	AS09 577	300 µl	WB
VDAC1   voltage-dependent anion-selective channel protein 1	AS07 212	200 µg	WB, BN-PAGE, IL
Zip7   Zinc transporter protein Zip7	AS08 318	100 µl	WB, ELISA



### Developmental biology - Lipid metabolism

Antibody name/Product name	Product number	Unit size	Applications
Alkaline lipase (glyoxysomal lipase)	AS10 698	100 µl	WB
CrPDAT1   phospholipid: diacylglycerol acyltransferase	AS12 1875	350 µl	WB
EDS1   Enhanced disease susceptibility 1	AS13 2751	50 µg	WB
LOX   lipoxygenase (Affinity purified) - Under development**	AS06 128A	-	WB
LOX   lipoxygenase	AS06 128	50 µl	WB
LOX-C   chloroplastic lipoxygenase	AS07 258	100 µl	WB
LOX2   lipoxygenase 2 protein	AS08 340	50 µg	WB, ELISA
PLD   phospholipase D	AS09 556	10 mg	WB, ELISA, IF, IHC
PLD   phospholipase D, Affinity purified	AS09 558	1 mg	WB, ELISA, IF, IHC
PLD   phospholipase D, Biotin conjugated	AS09 557	1 ml	WB, ELISA, IF, IHC
PLDA1/2   phospholipase D alpha 1/2	AS12 2364	50 µl	WB, IL

### Developmental biology - Photomorphogenesis

Antibody name/Product name	Product number	Unit size	Applications
COP1   constitutive photomorphogenesis protein 1 - Under development**	AS08 342	-	IL, WB
FT/TSF   flowering locus T and twin sister of FT	AS06 198	200 µg	WB
HY5   Protein long hypocotyl 5	AS12 1867	50 µg	WB
Melatonin (Host: Rabbit)	AS09 596	100 µl	i-ELISA
Melatonin (Host: Rat)	AS09 597	100 µl	i-ELISA
PHOT1   phototropin-1	AS10 720	100 µl	WB
PHOT2   phototropin-2	AS10 721	100 µl	WB
Phytochrome A   photoreceptor PhyA protein	AS07 220	200 µg	WB
PLD   phospholipase D	AS09 556	10 mg	WB, ELISA, IF, IHC
PLD   phospholipase D, Affinity purified	AS09 558	1 mg	WB, ELISA, IF, IHC
PLD   phospholipase D, Biotin conjugated	AS09 557	1 ml	WB, ELISA, IF, IHC
RGA   DELLA protein RGA	AS11 1630	50 µg	WB
SOC1   Suppressor of constans overexpression 1	AS12 1856	50 µg	WB
VRN2   vernalization protein 2	AS08 341	100 µg	WB, ELISA

### Developmental biology - Senescence

Antibody name/Product name	Product number	Unit size	Applications
Acd1   accelerated cell death 1	AS11 1783	100 µl	WB
GLN1 GLN2   GS1 glutamine synthetase, pre-immune serum	AS08 295PRE	100 µl	
GLN1 GLN2   GS1 GS2 glutamine synthetase global antibody	AS08 295	200 µl	WB
GLN2   GS2, chloroplastic form of glutamine synthetase	AS08 296	400 µl	WB
LHP1   Chromo domain-containing protein LHP1 - Under development**	AS13 2675	-	WB
PLD   phospholipase D	AS09 556	10 mg	WB, ELISA, IF, IHC
PLD   phospholipase D, Affinity purified	AS09 558	1 mg	WB, ELISA, IF, IHC
PLD   phospholipase D, Biotin conjugated	AS09 557	1 ml	WB, ELISA, IF, IHC
PP2A   Serine/threonine protein phosphatase 2A 59 kDa regulatory subunit B' gamma isoform - Under development**	AS13 2747	-	
SAG12   SAG12 protein - Under development**	AS14 2771	-	WB
WRKY6   WRKY transcription factor 6	AS11 1778	100 µg	WB



## Developmental biology - Signal transduction

Antibody name/Product name	Product number	Unit size	Applications
14-3-3 GRF   General regulatory element	AS12 2119	50 µl	WB
14.3.3C   14.3.3-like protein C	AS08 317	100 µl	WB, ELISA
ABF3   ABSCISIC ACID-INSENSITIVE 5-LIKE 6 - Under development**	AS13 2639	-	WB
ABI1   abscisic acid insensitive 1	AS12 1861	50 µg	WB, IP
ABI2   abscisic acid insensitive 2	AS12 1871	50 µg	WB
ABI3   abscisic acid insensitive 3 - Under development**	AS12 1862	-	WB
ABI5   abscisic acid insensitive 5 - Under development**	AS12 1863	-	WB
ACC synthase 7   1-aminocyclopropane-1-carboxylate synthase 7	AS14 2774	100 µg	WB
ADK1/2   ADENOSINE KINASE 1/2 - Under development**	AS12 2367	-	WB
AGB1   G protein beta-1 - Under development**	AS12 2372	-	WB
AGG1   G protein gamma subunit 1 - Under development**	AS12 2603	-	WB
AHK2   Histidine kinase 2	AS12 2113	50 µg	WB
AKIN β gamma - Under development**	AS09 463	-	
AKIN10   SNF1-related protein kinase catalytic subunit alpha KIN10	AS10 919	50µg	WB
AKIN11   SNF1-related protein kinase catalytic subunit alpha KIN11	AS10 920	200 µg	WB
AKINB1   SNF1-related protein kinase regulatory subunit beta-1	AS09 460	200 µg	WB
AKINB2   SNF1-related protein kinase regulatory subunit beta-2	AS09 462	200 µg	WB
AKING1   SNF1-related protein kinase regulatory subunit gamma 1	AS09 613	200 µg	WB
AP2   Floral homeotic protein APETALA 2	AS12 2609	50 µg	WB
ARP4   Actin-related protein 4 - Under development**	AS14 2817	-	WB
ATG8   Autophagy-related protein	AS14 2769	50 µl	WB
ATG8A   Autophagy-related protein 8a - Under development**	AS14 2811	-	WB
Auxin efflux carrier component [PIN15] - Under development**	AS11 1828	-	WB
BAK1   Brassinosteroid insensitive 1-associated receptor kinase 1	AS12 1858	50 µg	IP, WB
BRI1   BRASSINOSTEROID INSENSITIVE 1	AS12 1859	50 µg	WB
CCA1   CIRCADIAN CLOCK ASSOCIATED 1 - Under development**	AS13 2659	-	WB
CHE   CCA1 HIKING EXPEDITION - Under development**	AS13 2660	-	WB
CHS   chalcone synthase	AS12 2615	50 µl	WB
CLV1   receptor protein kinase CLAVATA1 - Under development**	AS11 1779	-	WB
CNX1/2   CALNEXIN HOMOLOG 1/2	AS12 2365	50 µg	WB
COI1   Coronate insensitive 1	AS12 2637	50 µg	WB
CPK-t2   Calcium-dependent protein kinase active site - Under development**	AS13 2667	-	WB
CPN60A1   CHAPERONIN 60 SUBUNIT ALPHA 1, chloroplastic	AS12 2613	50 µl	WB
DREB2A   DEHYDRATION-RESPONSIVE ELEMENT-BINDING PROTEIN 2A - Under development**	AS12 2368	-	WB
DRP5B   dynamin related protein 5B	AS12 2634	50 µg	WB
ERF1B   ETHYLENE-RESPONSIVE FACTOR 1B - Under development**	AS13 2658	-	WB
FIE   fertilization-independent endosperm - Under development**	AS12 2616	-	WB
GI   GIGANTEA - Under development**	AS12 1864	-	WB
GID2   F-BOX protein GID2 (SLEEPY 1)	AS13 2638	50 µg	WB
GPA1   G PROTEIN ALPHA-1 - Under development**	AS12 2370	-	WB
HXK1   HEXOKINASE 1 - Under development**	AS12 2601	-	WB
HY1   HEME OXYGENASE 1 - Under development**	AS12 2636	-	WB
HY5   Protein long hypocotyl 5	AS12 1867	50 µg	WB
JAZ1   Jasmonate ZIM-domain protein 1	AS13 2648	50 µg	WB



## Developmental biology - Signal transduction

Antibody name/Product name	Product number	Unit size	Applications
Klech (KrP)   Galactose oxidase/kelch repeat-containing protein - Under development**	AS14 2764	-	WB
LHY   LATE ELONGATED HYPOCOTYL - Under development**	AS13 2661	-	WB
LSD1   LESION SIMULATING DISEASE 1 (Host: Chicken) - Under development**	AS12 2104	-	
LSD1   LESION SIMULATING DISEASE 1 (Host: Rabbit) - Under development**	AS13 2746	-	
Mitogen-activated protein kinase 18	AS13 2673	50 µl	WB
MNS2   Mannosyl-oligosaccharide 1,2-alpha-mannosidase - Under development**	AS14 2812	-	WB
MPK6   Mitogen-activated protein kinase 6	AS12 2633	50 µg	WB
MYC2   Transcription factor MYC2	AS12 1869	50 µg	WB
NRT1.1   nitrate transporter 1.1	AS12 2611	50 µg	WB, IL
NRT2.1   nitrate transporter 2.1	AS12 2612	50 µg	WB
Phosphotyrosine	AS10 705	100 µg	WB, IP, IF, IHC
PHOT1   phototropin-1	AS10 720	100 µl	WB
PHOT2   phototropin-2	AS10 721	100 µl	WB
PIF3   Phytochrome interacting factor 3	AS12 1870	50 µg	WB
PIF4   Phytochrome interacting factor 4	AS12 1860	50 µg	WB
PIF5   PHYTOCHROME INTERACTING FACTOR 5 - Under development**	AS12 2112	-	WB
PIN1-like auxin transport protein (pin2) - Under development**	AS11 1838	-	WB
PIN1-like auxin transport protein (pin3) - Under development**	AS11 1839	-	WB
PIN9   Auxin efflux carrier component PIN9 - Under development**	AS11 1791	-	WB
PLDA1/2   phospholipase D alpha 1/2	AS12 2364	50 µl	WB, IL
PPDK   PYRUVATE ORTHOPHOSPHATE DIKINASE - Under development**	AS13 2647	-	
PR-1 positive control/quantitation standard	AS10 687S	100µl	WB
PR-2   GLU 1   class I beta-1,3-glucanase	AS07 208	2 mg	WB, IL
PR-2   pathogenesis-related protein 2	AS12 2366	50 µl	WB
PR-3   CHN   class I chitinase	AS07 207	2 mg	WB
PR-4   Pathogenesis-related protein 4 - Under development**	AS12 2369	-	WB
PR-4   Pathogenesis-related protein 4 - Under development**	AS14 2810	-	WB
PR-5   Pathogenesis-related protein 5 - Under development**	AS12 2373	-	WB
PYR1   Abscisic acid receptor RCAR11	AS13 2634	50 µg	WB
RACK1A   Receptor for activated C kinase 1A	AS11 1810	200 µl	WB
RCD1   RADICAL CELL DEATH 1 - Under development**	AS12 2602	-	WB
SMG1 - Under development**	AS14 2773	-	WB
SRK   Ser/Thr-protein kinase SnRK - Under development**	AS14 2783	-	WB
SOC1   Suppressor of constans overexpression 1	AS12 1856	50 µg	WB
SPY   SPINDLY - Under development**	AS13 2637	-	WB
SRK2E   Ser/Thr-protein kinase SnRK2.6 - Under development**	AS13 2635	-	WB, P-D assay
SUMO1   small ubiquitin-like modifier protein 1	AS08 308	1.5 mg	WB
SUMO3   small ubiquitin-like modifier protein 3	AS08 349	50 µg	WB
TOR   Target of rapamycin - Under development**	AS12 2608	-	WB
TOC1   TIMING OF CAB EXPRESSION 1 - Under development**	AS13 2646	-	
TOC1   TIMING OF CAB EXPRESSION 1 (other species) - Under development**	AS14 2823	-	
TPS1   Trehalose-6-phosphate synthase 1	AS12 2635	50 µl	WB
UBQ11   Ubiquitin	AS08 307	100 µl	WB
UBQ11   Ubiquitin protein   positive control	AS10 307S	50 µl	WB



## Developmental biology - Signal transduction

Antibody name/Product name	Product number	Unit size	Applications
UBQ11   Ubiquitin, affinity purified antibody	AS08 307A	50 µg	WB
VAS1   REVERSAL OF SAV3 PHENOTYPE 1 - Under development**	AS13 2663	-	WB
VDE1   VIOLAXANTHIN DEEPOXIDASE 1 - Under development**	AS12 2604	-	WB
VP1   VIVIPAROUS1 (ABI3) - Under development**	AS13 2636	-	WB
ZTL   Zeitlupe (Adagio Protein 1)	AS13 2662	50 µg	WB

# DNA/RNA/cell cycle

## DNA/RNA/cell cycle - cell cycle

Antibody name/Product name	Product number	Unit size	Applications
ARC5   Dynamin-like protein ARC5	AS13 2676	50 µg	WB
ASY1   asynaptic phenotype protein 1 monoclonal antibody	AS08 338	50 µg	WB, ELISA
ASY1   asynaptic phenotype protein 1	AS08 323	100 µl	WB, ELISA
BI-1   Bax inhibitor-1 (100 µl)	AS12 2221-100	100 µl	IHC, WB
BI-1   Bax inhibitor-1 (200 µl)	AS12 2221	200 µl	IHC, WB
CAPSE   Cell attachment protein in somatic embryogenesis - Under development**	AS12 2224-100	-	WB
CDC2   cell-division-cycle kinase 2	AS06 153	100 µl	WB, IL
CENH3   Centromere specific histone H3 variant (100 µl)	AS12 2225-100	100 µl	IHC, WB
CENP-C   Centromeric protein C - Under development**	AS13 2680	-	WB
Kinetochore protein-like - Under development**	AS13 2678	-	WB
LOB domain-containing protein 6 - Under development**	AS11 1840	-	WB

## DNA/RNA/cell cycle - microRNA

Antibody name/Product name	Product number	Unit size	Applications
POT1b   Protection of telomeres protein 1b - Under development**	AS13 2681	-	WB
RBR1   retinoblastoma related protein	AS11 1627	50 µl	WB, IP
AGO1   argonaute 1   Blocking peptide	AS09 527P	100 µg	NeA
AGO1   argonaute 1	AS09 527	50 µg	WB
AGO1   argonaute 1 (Chlamydomonas) - Under development**	AS14 2776	-	
AGO2   argonaute 2	AS13 2682	50 µg	WB
AGO4   Argonaute 4	AS09 617	100 µg	WB, IP, coIP, IF
AGO5   argonaute 5	AS10 671	200 µg	WB, IP
AGO6   argonaute 6	AS10 672	100 µg	WB
AGO9   argonaute 9	AS10 673	100 µg	WB, IP
CBP20   nuclear cap-binding protein subunit 2	AS09 530	200 µg	WB, IP
CBP80   nuclear cap-binding protein subunit 1	AS09 531	200 µl	WB
DCL1   Dicer-like protein 1	AS12 2102	200 µg	WB
DCL3   Dicer-like protein 3	AS12 2103	200 µg	WB
HYL1   hyponastic leave phenotype ds-RNA binding protein	AS06 136	200 µl	WB

## DNA/RNA/cell cycle - microRNA targets

Antibody name/Product name	Product number	Unit size	Applications
CCS   chloroplastic copper chaperone for SOD	AS07 219	200 µl	WB
CSD2   chloroplastic Cu/Zn superoxide dismutase	AS06 170	200 µl	WB



### DNA/RNA/cell cycle - Nuclear signaling

Antibody name/Product name	Product number	Unit size	Applications
8-Hydroxyguanosine   DNA/RNA oxidative damage (100 µg)	AS10 708-100	100 µg	ELISA, IHC-Fr-P, AP
8-Hydroxyguanosine   DNA/RNA oxidative damage (25 µg)	AS10 708-25	25 µg	ELISA, IHC-Fr-P, AP
H1   histone H1	AS11 1801	100 µg	WB, IF
H3   histone H3	AS10 710	100 µl	WB, IF
H3   histone H3, pre-immune serum	AS10 710PRE	100 µl	
H3K28 DiMethylated - Under development**	AS14 2791	-	
H3K28 MonoMethylated - Under development**	AS14 2790	-	
H3K28 TriMethylated - Under development**	AS14 2792	-	
HDT1   histone deacetylase - Under development**	AS11 1792	-	WB
HTR12   histone H3-like centromeric protein (100 µl)	AS12 2226-100	100 µl	ELISA, IHC, WB
HDT3   histone deacetylase - Under development**	AS11 1753	-	
LexA   SOS function regulatory protein	AS12 2614	100 µl	WB
PARP   Poly [ADP-ribose] polymerase - Under development**	AS10 675	-	IF
PEL1   Pelota	AS11 1798	200 µl	WB

### DNA/RNA/cell cycle - RNA metabolism

Antibody name/Product name	Product number	Unit size	Applications
PRP39a   pre-mRNA-processing factor 39 - Under development**	AS14 2784	-	WB
PRP40B   pre-mRNA-processing protein 40B - Under development**	AS14 2785	-	WB
U1 snRNP 70 kDa   U1 small nuclear ribonucleoprotein 70 kDa - Under development**	AS14 2778	-	WB
U1 snRNP protein A   U1 small nuclear ribonucleoprotein A - Under development**	AS14 2777	-	WB

### DNA/RNA/cell cycle - Transcription regulation

Antibody name/Product name	Product number	Unit size	Applications
A12.2   RNA polymerase I subunit (homolog of Pol II Rpb9)	AS07 225	200 µg	WB
AP2 domain-containing transcription factor - Under development**	AS11 1762	-	WB
ARP6   ACTIN-RELATED PROTEIN 6 - Under development**	AS12 2106	-	
BAH   Bromo-adjacent homology domain-containing protein - Under development**	AS13 2674	-	WB
DNA-binding storekeeper protein-related transcriptional regulator - Under development**	AS11 1774	-	WB
DREB1A   DEHYDRATION-RESPONSIVE ELEMENT-BINDING PROTEIN 1A - Under development**	AS13 2649	-	
GLIM   LIM domain protein GLIM1b - Under development**	AS11 1794	-	WB
HDA6   histone deacetylase 6 - Under development**	AS14 2787	-	WB
HDZipII-1   homeodomain-leucine zipper transcription factor	AS08 339	50 µg	WB, ELISA
Homeodomain protein BP - Under development**	AS11 1832	-	WB
homeodomain protein KNAT1/BP - Under development**	AS11 1763	-	WB
LHP1   Chromo domain-containing protein LHP1 - Under development**	AS13 2675	-	WB
MARBP   matrix attachment region-binding protein	AS10 696	100 µl	WB, IF
Med 6   Mediator of RNA polymerase II transcription subunit 6 - Under development**	AS14 2802	-	WB
Med 7a/b   Mediator of RNA polymerase II transcription subunit 7a/b - Under development**	AS14 2803	-	WB
MLP3.6 protein   Transcription factor jumonji (JmjC) domain-containing protein	AS13 2679	50 µg	WB
MYB174 - Under development**	AS11 1790	-	WB



## DNA/RNA/cell cycle - Transcription regulation

Antibody name/Product name	Product number	Unit size	Applications
MYB91   transcription factor AS1 - Under development**	AS11 1758	-	WB
MYB91   transcription factor AS1 - Under development**	AS11 1765	-	WB
Polycomb group protein FERTILIZATION-INDEPENDENT ENDOSPERM - Under development**	AS11 1760	-	WB
RBP40   38 kDa RNA-binding protein - Under development**	AS14 2820	50 µl	WB, IP
RNA polymerase II subunit B1	AS11 1804	50 µg	IP
Spermine	AS09 599	100 µl	i-ELISA
SPT   Transcription factor SPATULA - Under development**	AS13 2749	-	WB
STM   homeobox protein SHOOT MERISTEMLESS - Under development**	AS11 1764	-	WB
TOP2   DNA topoisomerase II	AS05 096	200 µl	WB, IL
WRKY6   WRKY transcription factor 6	AS11 1778	100 µg	WB
WUS   WUSCHEL protein	AS11 1759	50 µg	WB
WUSCHEL-related homeobox 4 - Under development**	AS11 1773	-	WB

## DNA/RNA/cell cycle - Translation

Antibody name/Product name	Product number	Unit size	Applications
Acetylated lysine (100 µl)	AS10 707-100	100 µl	WB, ELISA, IHC, BPG
Acetylated lysine (25 µl)	AS10 707-25	25 µl	WB, ELISA, IHC, BPG
CSP41b   ribosome associated endonuclease (CRB)	AS08 298	200 µg	WB
eEF1a elongation factor   elongation factor 1-alpha	AS10 934	200 µl	WB
eEF1b   elongation factor eEF1b-beta protein	AS07 265	200 µl	WB
eEF1B-alpha1 an 2   elongation factor 1B-alpha 1 and 1B-alpha 2	AS10 678	100 µl	WB
eEF1B-alpha2   elongation factor 1B-alpha 2	AS10 679	200 µl	WB
eEF1B-beta1 and 2   elongation factor 1-beta1 and 1-beta2	AS10 677	200 µl	WB
eEF1B-gamma1 and 2   elongation factor 1-gamma 1 and 2	AS10 676	200 µl	WB
EF-G1   elongation factor G1	AS13 2652	50 µl	WB
EF1A   elongation factor 1-alpha / EF-1-alpha protein	AS11 1633P	25 µg	WB
EF1A   elongation factor 1-alpha / EF-1-alpha	AS11 1633	200 µl	WB
L-30   50S ribosomal protein L30	AS08 331	200 µl	WB
L13-1   60S ribosomal protein L13-1	AS13 2650	200 µg	WB
Rpl1   50S ribosomal protein L1	AS11 1738	100 µl	WB
RPL33   50S ribosomal protein L33, chloroplastic - Under development**	AS14 2780	-	WB
RPL36   50S ribosomal protein L36, chloroplastic - Under development**	AS14 2781	-	WB
RPL37   ribosomal protein L37, cytoplasmic	AS12 2115	50 µl	WB
RPS12   ribosomal protein S12, chloroplastic	AS12 2114	50 µl	WB
RPS15   30S ribosomal protein S15, chloroplastic - Under development**	AS14 2779	-	WB
Rps2   Ribosomal subunit 2 (cytoplasmic) - Under development**	AS10 719	-	WB
S1   30S ribosomal protein S1	AS08 309	200 µl	WB
S14   40S ribosomal protein S14-1	AS12 2111	100 µl	WB
S6K1-2   Ribosomal-protein S6 kinase homolog 1,2 - phosphorylated - Under development**	AS13 2664	-	WB
S6K1/2   Ribosomal S6 kinase 1/2	AS12 1855	50 µg	WB



# Environmental stress

## Environmental stress - Cold stress

Antibody name/Product name	Product number	Unit size	Applications
COR14b   cor14b-encoded cold regulated protein	AS06 169	100 µl	WB
CPT6   cis-prenyltransferase 6	AS14 2768	50 µg	WB
Enolase	AS10 651	200 µl	WB
GORK   Potassium channel GORK	AS14 2795	50 µg	WB
LEA4-5   Late embryogenesis abundant protein 4-5	AS13 2758	50 µl	WB
LEA6-3   late embryogenesis abundant protein 6-3	AS13 2756	50 µl	WB
PGL35   plastoglobulin 35	AS06 116	200 µl	WB, IF
S6K1-2   Ribosomal-protein S6 kinase homolog 1,2 - phosphorylated - Under development**	AS13 2664	-	WB
sII0528   putative zinc metalloprotease sII0528 (100 ul)	AS10 1592	100 ul	WB
sII0528   putative zinc metalloprotease sII0528 (300 ul)	AS10 1623	300 ul	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase (200 µl)	AS07 213	200 µl	WB, IHC
V-ATPase   epsilon subunit of tonoplast H+ATPase (affinity purified)	AS09 577A	200 µg	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase   Blocking peptide	AS07 213P	500 ug	NeA
V-ATPase   epsilon subunit of tonoplast H+ATPase	AS09 577	300 µl	WB

## Environmental stress - Drought stress

Antibody name/Product name	Product number	Unit size	Applications
AHB2   Hemoglobin 2	AS13 2745	50 µl	WB
APase   acid phosphatase	AS09 520	1 mg	WB, ELISA, IF, IHC
APase   acid phosphatase, Biotin conjugated	AS09 541	1 ml	WB, ELISA, IF, IHC
ATG8   Autophagy-related protein	AS14 2769	50 µl	WB
BiP   luminal-binding protein (Host: Rabbit)	AS09 481	50 µg	ELISA, WB, IF, IG
Cat   Catalase (peroxisomal marker)	AS09 501	50 µl	WB
Dehydrin blocking peptide	AS10 206S	500 µg	NeA
Dehydrin	AS07 206	200 µl	WB
Dehydrin, Affinity purified	AS07 206A	200 µg	WB
Dehydrin, pre-immune serum	AS10 206PRE	100 µl	
E3 ubiquitin protein ligase DRIP2 - Under development**	AS11 1761	-	WB
GLDH   galactono-1,4 lactone dehydrogenase	AS06 182	100 µl	WB
GORK   Potassium channel GORK	AS14 2795	50 µg	WB
HD-ZIP   homeobox-leucine zipper protein ATHB-12 - Under development**	AS11 1766	-	WB
HD-ZIP   homeobox-leucine zipper protein ATHB-13 - Under development**	AS11 1767	-	WB
LEA4-25   Group 4-late embryogenesis abundant protein	AS13 2757	50 µl	WB
LEA4-5   Late embryogenesis abundant protein 4-5	AS13 2758	50 µl	WB
LEA6-3   late embryogenesis abundant protein 6-3	AS13 2756	50 µl	WB
LOX   lipoxygenase (Affinity purified) - Under development**	AS06 128A	-	WB
LOX   lipoxygenase	AS06 128	50 µl	WB
NCED3   9-cis-epoxycarotenoid dioxygenase NCED3 - Under development**	AS13 2752	-	WB
PIP2-1-7   plasma membrane aquaporin isoforms 1-7 (C-terminal)	AS12 2110	100 µl	WB
PIP2-7   plasma membrane aquaporin (N-terminal)	AS09 469	100 µl	ELISA, WB
PIP2;3   aquaporin, plasma membrane intrinsic protein 2-3	AS09 506	100 µl	ELISA, WB, IG
PR-1 positive control/quantitation standard	AS10 687S	100µl	WB
PR-1   Pathogenesis-related protein 1	AS10 687	50 µl	WB
ZEP   Zeaxanthin Epoxidase	AS08 289	200 µl	WB



### Environmental stress - Heat shock

Antibody name/Product name	Product number	Unit size	Applications
ABI2   abscisic acid insensitive 2	AS12 1871	50 µg	WB
AHB2   Hemoglobin 2	AS13 2745	50 µl	WB
ATPase AAA2 domain	AS11 1754	200 µl	WB
CDJ1   chloroplast DnaJ homolog 1	AS06 179	100 µl	WB, IP
CGE1   alfa-CGE1, chloroplastic GrpE homolog	AS06 176	100 µl	WB, IP
ClpB-P   ClpB3	AS09 459	200 µl	WB
DnaJ   prokaryotic heat shock protein	AS07 271	200 µl	WB
DnaK   chloroplast stromal chaperone	AS07 270	200 µl	WB
DnaK2   heat shock protein 70-2 (HSP70-2)	AS08 350	200 µl	WB
HSC70/HSP70   heat shock cognate protein 70/heat shock protein 70	AS07 233	100 µl	WB, ELISA, IP
HSF1   heat shock factor 1	AS06 178	100 µl	WB
HSP101   ClpB heat shock protein, C-terminal	AS08 287	200 µl	WB
HSP101   ClpB heat shock protein, N-terminal (Host: Rabbit)	AS07 253	200 µl	WB
HSP101   ClpB heat shock protein, N-terminal (Host: Chicken)	AS08 283	200 µl	WB
HSP101   nuclear/cytoplasmatic heat shock protein	AS08 290	200µl	WB
HSP16.6   cytosolic class I heat shock protein 16.6	AS08 286	100 µl	WB
HSP16.9   16.9 kDa class I heat shock protein 2	AS12 2570	100 µl	WB
HSP17.6   cytosolic class I heat shock protein 17.6	AS08 284	200 µl	WB
HSP17.6   cytosolic class I heat shock protein 17.6	AS07 254	200 µl	WB
HSP17.7   cytosolic class II heat shock protein 17.7	AS07 255	200 µl	WB
HSP18.5   class IV heat shock protein	AS11 1628	200 µl	WB
HSP21   chloroplastic heat shock protein	AS08 285	100 µl	WB
HSP70   heat shock protein 70 cytoplasmic	AS08 371	50 µl	WB, IP
HSP70   heat shock protein 70, chloroplastic	AS08 348	200 µl	WB, IP
HSP70   heat shock protein 70, mitochondrial	AS08 347	50 µg	WB
HSP70B   stromal alfa-HSP70	AS06 175	100 µl	WB, IP
HSP90-1   heat shock protein 90-1	AS08 346	100 µl	WB
HSP90-2   heat shock protein 90-2	AS11 1629	100 µl	WB
HSP90C   alfa-HSP90C, heat shock protein	AS06 174	100 µl	WB, IP
slr0156   ATP-dependent chaperone clpB	AS08 355	100 µl	WB
slr1641   ATP-dependent chaperone clpB	AS08 344	100 µl	WB

### Environmental stress - Heavy metal stress

Antibody name/Product name	Product number	Unit size	Applications
ALD   fructose-1,6 bisphosphate aldolase	AS08 294	100 µl	WB
CCS   chloroplastic copper chaperone for SOD	AS07 219	200 µl	WB
CSD2   chloroplastic Cu/Zn superoxide dismutase	AS06 170	200 µl	WB
Cu/ZnSOD   Cu/Zn superoxide dismutase	AS10 652	200 µl	WB
FeSOD   chloroplastic Fe-dependent superoxide dismutase	AS06 125	200 µl	WB
gamma-glutamyl-cysteine	AS11 1811	2x100 µg	IF, IG
GPX   chloroplastic glutathione peroxidase	AS04 055	100 µl	WB, ELISA
GSNO   Nitroso-L.glutathione	AS08 361	100 µl	IF, ELISA
IRT1   iron regulated transporter 1	AS11 1780	100 µg	WB
LOX   lipoxygenase (Affinity purified) - Under development**	AS06 128A	-	WB
LOX   lipoxygenase	AS06 128	50 µl	WB



### Environmental stress - Heavy metal stress

Antibody name/Product name	Product number	Unit size	Applications
MnSOD   manganese superoxide dismutase	AS09 524	100 µl	WB
MT1a   Metallothionein type1	AS13 2684	50 µg	WB, IL
MT2a   Metallothionein 2a	AS13 2685	50 µg	WB, IL
NtrC   thioredoxin reductase (TR/TRxR)	AS06 159	200 µg	WB
RGA   DELLA protein RGA	AS11 1630	50 µg	WB
ZCP1   Zinc Chaperone Protein	AS14 2770	50 µl	WB
ZCP2   Zinc Chaperone Protein	AS12 1848	50 µl	WB

### Environmental stress - Hypoxia

Antibody name/Product name	Product number	Unit size	Applications
ADH   alcohol dehydrogenase (hypoxia marker)	AS10 685	100 µl	WB
ADH/ALDH   alcohol/acetaldehyde dehydrogenase, bacterial/algal	AS10 748	200 µl	WB
Hb1   Non-symbiotic hemoglobin 1 - Under development**	AS14 2765	-	WB
PDC   pyruvate decarboxylase	AS10 691	100 µl	WB
Sub1A - Under development**	AS11 1769	-	
Sub1C   submergence-1C	AS11 1770	100 µl	WB

### Environmental stress - Oxidative stress

Antibody name/Product name	Product number	Unit size	Applications
3-nitroY   nitrotyrosine (100 µl)	AS10 706-100	100 µl	WB, ELISA, IHC, IP
3-nitroY   nitrotyrosine (25 µl)	AS10 706-25	25 µl	WB, ELISA, IHC, IP
ACO1   aconitase	AS09 521	100 µl	WB
AHB2   Hemoglobin 2	AS13 2745	50 µl	WB
AO   apoplastic ascorbate oxidase	AS06 184	100 µl	WB
AO   ascorbate oxidase	AS09 384	1 mg	WB, ELISA, IHC
AO   ascorbate oxidase, Biotin conjugated	AS09 383	10 mg	WB, ELISA
AOX   alternative oxidase	AS10 699	1.5 ml	WB, IP, AC
AOX1   alternative oxidase 1	AS06 152	100 µl	WB
AOX1/2   plant alternative oxidase 1 and 2	AS04 054	200 µl	WB, IL
APX   L-ascorbate peroxidase	AS08 368	200 µl	WB
ATG4   Autophagy protein - Under development**	AS15 2831	-	
cAPX   cytosolic ascorbate peroxidase	AS06 180	200 µl	WB, IP, IL
CCS   chloroplastic copper chaperone for SOD	AS07 219	200 µl	WB
Cu/ZnSOD   Cu/Zn superoxide dismutase	AS10 652	200 µl	WB
DHAR1   Dehydroascorbate Reductase 1	AS11 1746	200 µg	WB
DHAR2   Dehydroascorbate Reductase 2	AS11 1747	200 µg	WB
DMPO   DMPO nitrone adduct	AS11 1632	100 µl	ELISA, IT, WB, IF, IP
EDS1   Enhanced disease susceptibility 1	AS13 2751	50 µg	WB
FeSOD   chloroplastic Fe-dependent superoxide dismutase	AS06 125	200 µl	WB
Gamma-ECS   gamma glutamylcysteine synthase	AS06 186	100 µl	WB, IL
gamma-glutamyl-cysteine	AS11 1811	2x100 µg	IF, IG
GDP-L-Galactose Phosphorylase	AS10 723	200 µl	WB
GR   glutathione reductase	AS06 181	100 µl	WB, IL, IP
GRX 1-7 - Under development**	AS14 2818	-	WB
GrxS3,4,5   Monothiol glutaredoxin-S3, S4, S5 - Under development**	AS13 2703	-	WB



### Environmental stress - Oxidative stress

Antibody name/Product name	Product number	Unit size	Applications
GS   glutathione synthase, GSH-S	AS06 183	100 µl	WB, IEL
GSH   glutathione (Host: Rabbit)	AS09 594	100 µl	IHC, ID
GSH   glutathione (Host: Rat)	AS09 595	100 µl	ELISA, IHC
HRP   horseradish peroxidase	AS09 548	10 mg	WB, ELISA, IF, IHC
NBR1   Autophagy substrate NBR1	AS14 2805A	50 µg	WB

### Environmental stress - Pathogen attack

Antibody name/Product name	Product number	Unit size	Applications
AGO2   argonaute 2	AS13 2682	50 µg	WB
ATG8   Autophagy-related protein	AS14 2769	50 µl	WB
COI1   Coronate insensitive 1	AS12 2637	50 µg	WB
EDS1   Enhanced disease susceptibility 1	AS13 2751	50 µg	WB
FLS2   Flagellin-sensitive 2	AS12 1857	50 µg	WB
Hellebrin (300 ul)	AS10 1597	300 ul	ELISA
Hellethionin (100 ul)	AS10 1626	100 ul	ELISA, WB
Hellethionin (300 ul)	AS10 1622	300 ul	ELISA, WB
HRP   horseradish peroxidase	AS09 548	10 mg	WB, ELISA, IF, IHC
NBR1   Autophagy substrate NBR1	AS14 2805	50 µl	WB
NPR1 Nonexpresser of PR genes 1 - Under development**	AS12 1854	-	WB
PAD4   Phytoalexin deficient 4 - Under development**	AS13 2750	-	WB
Patatin   Blocking peptide	AS12 1842P	500 µg	NeA
Patatin	AS12 1842	200 µl	WB, IP, IL
PDR8   ABC transporter G family member 36	AS09 471	100 µl	ELISA, WB
PR-1 positive control/quantitation standard	AS10 687S	100µl	WB
PR-1   Pathogenesis-related protein 1	AS10 687	50 µl	WB
PR-2   GLU 1   class I beta-1,3-glucanase	AS07 208	2 mg	WB, IL
PR-2   pathogenesis-related protein 2	AS12 2366	50 µl	WB
PR-3   CHN   class I chitinase	AS07 207	2 mg	WB
AtPR-4   Pathogenesis-related protein 4 - Under development**	AS12 2369	-	WB
PR-4   Pathogenesis-related protein 4 - Under development**	AS14 2810	-	WB
PR-5   Pathogenesis-related protein 5 - Under development**	AS12 2373	-	WB
PRN2   Pirin-like protein - Under development**	AS14 2794	50 µl	WB
UBQ11   Ubiquitin	AS08 307	100 µl	WB
UBQ11   Ubiquitin protein   positive control	AS10 307S	50 µl	WB
UBQ11   Ubiquitin, affinity purified antibody	AS08 307A	50 µg	WB
ViNST1   Stilbene synthase 1 - Under development**	AS12 2109	-	
WRKY6   WRKY transcription factor 6	AS11 1778	100 µg	WB

### Environmental stress - Salt stress

Antibody name/Product name	Product number	Unit size	Applications
GAI   DELLA protein GAI	AS11 1631	50 µg	WB
ACO1   aconitase	AS09 521	100 µl	WB
AGO1   argonaute 1   Blocking peptide	AS09 527P	100 µg	NeA
ALD   fructose-1,6 bisphosphate aldolase	AS08 294	100 µl	WB
APase   acid phosphatase	AS09 520	1 mg	WB, ELISA, IF, IHC



## Environmental stress - Salt stress

Antibody name/Product name	Product number	Unit size	Applications
APase   acid phosphatase, Biotin conjugated	AS09 541	1 ml	WB, ELISA, IF, IHC
BiP   luminal-binding protein (Host: Rabbit)	AS09 481	50 µg	ELISA, WB, IF, IG
GORK   Potassium channel GORK	AS14 2795	50 µg	WB
H+ATPase   plasma membrane H+ATPase (chicken antibody)	AS13 2671	50 µg	WB
H+ATPase   plasma membrane H+ATPase   Blocking peptide	AS07 260P	500 µg	NeA
H+ATPase   plasma membrane H+ATPase	AS07 260	50 µl	WB, IF, IL
NCED3   9-cis-epoxycarotenoid dioxygenase NCED3 - Under development**	AS13 2752	-	WB
NHE-1   Na+/H+ antiporter, sodium/hydrogen exchanger	AS09 484	100 µl	ELISA, WB
PIP2-1-7   plasma membrane aquaporin isoforms 1-7 (C-terminal)	AS12 2110	100 µl	WB
PIP2-7   plasma membrane aquaporin (N-terminal)	AS09 469	100 µl	ELISA, WB
PIP2;3   aquaporin, plasma membrane intrinsic protein 2-3	AS09 506	100 µl	ELISA, WB, IG
RGA-like protein 2   DELLA protein RGL2	AS11 1803	200 µg	WB
SAL1   sal1 phosphatase	AS07 256	100 µl	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase (200 µl)	AS07 213	200 µl	WB, IHC
V-ATPase   epsilon subunit of tonoplast H+ATPase (affinity purified)	AS09 577A	200 µg	WB
V-ATPase   epsilon subunit of tonoplast H+ATPase   Blocking peptide	AS07 213P	500 µg	NeA
V-ATPase   epsilon subunit of tonoplast H+ATPase	AS09 577	300 µl	WB

## Environmental stress - Wounding

Antibody name/Product name	Product number	Unit size	Applications
AHB2   Hemoglobin 2	AS13 2745	50 µl	WB
COI1   Coronate insensitive 1	AS12 2637	50 µg	WB
GSNOR   S-nitrosoglutathione reductase	AS09 647	50 µl	WB
HRP   horseradish peroxidase	AS09 548	10 mg	WB, ELISA, IF, IHC
HRP   horseradish peroxidase, Affinity purified	AS09 549	1 mg	WB, ELISA, IF, IHC
NRT1.4   nitrate transporter	AS09 473	100 µl	ELISA, WB
PPO   polyphenol oxidase	AS10 1585	100 µl	WB

# Fermentation

## Fermentation

Antibody name/Product name	Product number	Unit size	Applications
ADH/ALDH   alcohol/acetaldehyde dehydrogenase, bacterial/algal	AS10 748	200 µl	WB
FMR   fumarate reductase	AS12 2618	200 µg	WB
HydA   iron-hydrogenase HydA1/HydA2	AS09 514	100 µl	WB
HydA   iron-hydrogenase HydA2	AS09 600	100 µl	WB
MME4   malic enzyme	AS12 2617	200 µg	WB
PFOR   pyruvate oxidoreductase	AS07 275	200 µg	WB
PTA   phosphate acetyltransferase	AS07 276	200 µg	WB



# Food proteins

Food proteins			
Antibody name/Product name	Product number	Unit size	Applications
Acrylamid   Prop-2-enamide	AS13 2732	1 ml	IAC
Bromelain	AS09 552	10 mg	WB, ELISA, IF, IHC
Bromelain, Affinity purified	AS09 554	1 mg	WB, ELISA, IF, IHC
Bromelain, Biotin conjugated	AS09 553	1 ml	WB, ELISA, IF, IHC
Conglutin gamma   lupin-specific globulin	AS08 335	200 µl	WB
Ficain   ficin	AS09 550	10 mg	WB, ELISA, IF, IHC
Ficain   ficin, Biotin conjugated	AS09 551	1 ml	WB, ELISA, IF, IHC
Peanut protein	AS09 566	100 µl	ELISA, WB
PPI   papain	AS09 545	10 mg	WB, ELISA, IF, IHC
PPI   papain, Affinity purified	AS09 547	1 mg	WB, ELISA, IF, IHC
PPI   papain, Biotin conjugated	AS09 546	1 ml	WB, ELISA, IF, IHC
Ricin (RTA subunit), clone MMA	AS09 648	200 µg	ELISA, IHC
Ricin whole molecule, clone MMH	AS09 649	200 µg	ELISA, IHC
Sesame protein	AS09 568	100 µl	ELISA, WB
Soy protein	AS09 569	100 µg	ELISA, WB
Sporamin	AS10 697	100 µl	WB
Wheat gluten	AS09 571	100 µl	ELISA, WB

# Hormone research

Hormones - Abscisic acid			
Antibody name/Product name	Product number	Unit size	Applications
14-3-3 GRF   General regulatory element	AS12 2119	50 µl	WB
ABA   abscisic acid	AS06 195	100 µl	ELISA, IL
ABA   abscisic acid (C1) (1 mg)	AS09 422	1 mg	ELISA, RIA
ABA   abscisic acid (C1) (for immunolocalization)	AS09 446	200 µg	IL
ABA   abscisic acid ELISA quantitation kit	AS11 1748	480 assays	ELISA
ABA-BSA   Abscisic acid BSA conjugate	AS11 1837	1 mg	IHC, IF
ABI1   abscisic acid insensitive 1	AS12 1861	50 µg	WB, IP
ABI2   abscisic acid insensitive 2	AS12 1871	50 µg	WB
ABI3   abscisic acid insensitive 3 - Under development**	AS12 1862	-	WB
ABI4   abscisic acid insensitive 4 - Under development**	AS12 1872	-	WB
ABI5   abscisic acid insensitive 5 - Under development**	AS12 1863	-	WB
CPK-t2   Calcium-dependent protein kinase active site - Under development**	AS13 2667	-	WB
MYC2   Transcription factor MYC2	AS12 1869	50 µg	WB

Hormones - Auxins			
Antibody name/Product name	Product number	Unit size	Applications
Auxin efflux carrier component [PIN15] - Under development**	AS11 1828	-	WB
IAA tracer alkaline phosphatase conjugated	AS09 517	1000 assays	ELISA
IAA   auxin ELISA quantitation kit	AS11 1749	480 assays	ELISA



## Hormones - Auxins

Antibody name/Product name	Product number	Unit size	Applications
IAA   indole 3 acetic acid	AS06 193	100 µl	ELISA, IL
IAA   indole-3-acetic acid (C1') (1mg)	AS09 420	1 mg	ELISA, RIA
IAA   indole-3-acetic acid (C1') (5mg)	AS09 441	5 mg	ELISA, RIA
IAA   indole-3-acetic acid (C1') (for immunolocalization)	AS09 445	200 µg	IL
IAA   indole-3-acetic acid (N1) (for immunolocalization)	AS09 421	200 µg	IL
Indole-3-butryic acid - Under development**	AS13 2744	1 ml	ELISA, IAC
PIN1-like auxin transport protein (pin2) - Under development**	AS11 1838	-	WB
PIN1-like auxin transport protein (pin3) - Under development**	AS11 1839	-	WB
PIN2   auxin efflux carrier PIN2 - Under development**	AS05 069	-	IF, WB
PIN9   Auxin efflux carrier component PIN9 - Under development**	AS11 1791	-	WB

## Hormones - Biosynthesis/regulation

Antibody name/Product name	Product number	Unit size	Applications
GAI   DELLA protein GAI	AS11 1631	50 µg	WB
ACC   1-Aminocyclopropane-1-carboxylic acid	AS11 1800	200 µl	IG
AtCCaP1   vacuolar calcium-binding protein-related	AS09 483	100 µl	WB, ELISA
AUX1   Auxin transporter protein 1 - Under development**	AS12 1868	-	WB
Auxin efflux carrier component - Under development**	AS11 1830	- µg	WB
BAK1   Brassinosteroid insensitive 1-associated receptor kinase 1	AS12 1858	50 µg	IP, WB
BRI1   BRASSINOSTEROID INSENSITIVE 1	AS12 1859	50 µg	WB
CHS   chalcone synthase	AS12 2615	50 µl	WB
COI1   Coronate insensitive 1	AS12 2637	50 µg	WB
DELLA protein RGL3 - Under development**	AS14 2804	-	WB
JAZ1   Jasmonate ZIM-domain protein 1	AS13 2648	50 µg	WB
NPR1 Nonexpresser of PR genes 1 - Under development**	AS12 1854	-	WB
RGA   DELLA protein RGA	AS11 1630	50 µg	WB
RGA-like protein 2   DELLA protein RGL2	AS11 1803	200 µg	WB
RGA-like protein   DELLA protein RGL1 - Under development**	AS11 1802	-	WB
Salicylate   4-aminosalicylic acid - Under development**	AS09 412	-	ELISA, FPIA
SNE18   Rossmann-fold NAD(P)-binding domain-containing protein	AS12 2118	50 µl	WB

## Hormones - Cytokinins

Antibody name/Product name	Product number	Unit size	Applications
cis-zeatin riboside   ELISA quantitation kit	AS12 1844	480 assays	ELISA
Cytokinin   cis-zeatin riboside (1mg)	AS09 419	1 mg	ELISA, RIA
Cytokinin   cis-zeatin riboside (5mg)	AS09 430	5 mg	ELISA, RIA
Cytokinin   cis-zeatin riboside (for immunolocalization)	AS09 431	200 µg	IF
Cytokinin   dihydrozeatin riboside (1mg)	AS09 416	1 mg	ELISA, RIA
Cytokinin   dihydrozeatin riboside (5mg)	AS09 436	5 mg	ELISA, RIA
Cytokinin   dihydrozeatin riboside (for immunolocalization)	AS09 437	200 µg	IL
Cytokinin   kinetin riboside (1 mg)	AS09 443	1 mg	ELISA, RIA
Cytokinin   kinetin riboside (5 mg)	AS09 444	5 mg	ELISA, RIA
Cytokinin   meta-topolin riboside (1 mg)	AS09 417	1 mg	ELISA, RIA
Cytokinin   meta-topolin riboside (5 mg)	AS09 439	5 mg	ELISA, RIA
Cytokinin   meta-topolin riboside (for immunolocalization)	AS09 440	200 µg	IL



## Hormones - Cytokinins

Antibody name/Product name	Product number	Unit size	Applications
Cytokinin   N6-benzyladenosine (1 mg)	AS09 425	1 mg	ELISA, RIA
Cytokinin   N6-benzyladenosine (5 mg)	AS09 426	5 mg	ELISA, RIA
Cytokinin   N6-benzyladenosine (for immunolocalization)	AS09 438	200 µg	IL
Cytokinin   N6-isopentenyladenosine (1 mg)	AS09 415	1 mg	ELISA, RIA
Cytokinin   N6-isopentenyladenosine (5 mg)	AS09 434	5 mg	ELISA, RIA
Cytokinin   N6-isopentenyladenosine (for immunolocalization)	AS09 435	200 µg	IL
Cytokinin   ortho-topolin riboside (1 mg)	AS09 418	1 mg	ELISA, RIA
Cytokinin   ortho-topolin riboside (5 mg)	AS09 447	5 mg	ELISA, RIA
Cytokinin   ortho-topolin riboside (for immunolocalization)	AS09 442	200 µg	IL
Cytokinin   trans-zeatin riboside (1mg)	AS09 414	1 mg	ELISA, RIA
Cytokinin   trans-zeatin riboside (5mg)	AS09 428	5 mg	ELISA, RIA
Cytokinin   trans-zeatin riboside (for immunolocalization)	AS09 429	200 µg	IL
N6-benzyladenosine   ELISA quantitation kit	AS12 1846	480 assays	ELISA
N6-isopentenyladenosine   ELISA quantitation kit	AS12 1845	480 assays	ELISA
trans-zeatin riboside   ELISA quantitation kit	AS11 1784	480 assays	ELISA

## Hormones - Gibberellic acid

Antibody name/Product name	Product number	Unit size	Applications
GA3   gibberellic acid	AS06 194	100 µl	IL
GA3-BSA   gibberellic acid BSA conjugate	AS10 933	1 mg	IHC, IF
GID1c   Gibberellin receptor GID1C - Under development**	AS14 2800	-	
GID2   F-BOX protein GID2 (SLEEPY 1)	AS13 2638	50 µg	WB

## Hormones - ELISA kits

Antibody name/Product name	Product number	Unit size	Applications
ABA   abscisic acid ELISA quantitation kit	AS11 1748	480 assays	ELISA
IAA   auxin ELISA quantitation kit	AS11 1749	480 assays	ELISA
cis-zeatin riboside   ELISA quantitation kit	AS12 1844	480 assays	ELISA
N6-benzyladenosine   ELISA quantitation kit	AS12 1846	480 assays	ELISA
N6-isopentenyladenosine   ELISA quantitation kit	AS12 1845	480 assays	ELISA
trans-zeatin riboside   ELISA quantitation kit	AS11 1784	480 assays	ELISA

# Mitochondria | Respiration

## Mitochondria | Respiration

Antibody name/Product name	Product number	Unit size	Applications
ACO1   aconitase	AS09 521	100 µl	WB
AOX   alternative oxidase	AS10 699	1.5 ml	WB, IP, AC
AOX1   alternative oxidase 1	AS06 152	100 µl	WB
AOX1/2   plant alternative oxidase 1 and 2	AS04 054	200 µl	WB, IL
AOX1/2   plant alternative oxidase 1 and 2, pre-immune serum	AS04 054PRE	100 µl	
AtpB   beta subunit of ATP synthase (10 µl) (Host: Rabbit)	AS05 085-10	10 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase (100 µl) (Host: Chicken)	AS03 030	100 µl	WB, IL



## Mitochondria | Respiration

Antibody name/Product name	Product number	Unit size	Applications
AtpB   beta subunit of ATP synthase (100 µl) (Host: Rabbit)	AS05 085	100 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase, pre-immune serum (Host: Rabbit)	AS05 085PRE	100 µl	
Beta-CA1, beta-CA2   carbonic anhydrase   mitochondrial   Chlamydomonas	AS11 1737	200 µl	WB, IF
CAH3   carbonic anhydrase	AS05 073	100 µl	WB, IF, IG
Cat   Catalase (peroxisomal marker)	AS09 501	50 µl	WB
COX11   cytochrome c oxidase assembly protein	AS10 938	200 µl	WB
COXII   cytochrome oxidase subunit II	AS04 053A	50 µg	WB, BN-PAGE
COXII   cytochrome oxidase subunit II (200 µg)	AS04 053A-200	200 µg	WB
COXII   cytochrome oxidase subunit II   Blocking peptide	AS04 053P	500 µg	NeA
COXII   cytochrome oxidase subunit II	AS04 052	100 µl	WB
COXII   cytochrome oxidase subunit II, pre-immune serum	AS04 053PRE	100 µl	
COXIb   cytochrome oxidase subunit II b	AS06 151	100 µl	WB
Cyt c   cytochrome c	AS08 343A	50 µg	WB
DHAR1   Dehydroascorbate Reductase 1	AS11 1746	200 µg	WB
DHAR2   Dehydroascorbate Reductase 2	AS11 1747	200 µg	WB
FtsH1,2,3,4,5,6,7,8,9,10,11   ftsH metallo-protease H1+H2+H3+H4+H5+H6+H7+H8+H9+H10+H11	AS11 1789	500 µl	WB, BN-PAGE
FtsH10   plant fts metallo-protease H10	AS07 251	200 µl	WB, BN-PAGE, IP
FtsH2   FtsH2 positive control/quantitation standard	AS11 1789S	250 µl	WB
FtsH3 + FtsH10   plant fts metallo-protease H3 + H10	AS07 204	200 µg	WB, BN-PAGE
FtsH4   plant fts metallo-protease H4	AS07 205	200 µg	WB
GDC-H   H protein of glycine decarboxylase complex (GDC)	AS05 074	200 µl	WB
GLDH   galactono-1,4 lactone dehydrogenase	AS06 182	100 µl	WB
H3   histone H3, pre-immune serum	AS10 710PRE	100 µl	
HSP70   heat shock protein 70, mitochondrial	AS08 347	50 µg	WB
Idh   isocitrate dehydrogenase	AS06 203A	180 µg	WB
NADH   cytochrome B5 reductase - Under development**	AS11 1795	-	WB
NDPK   nucleoside diphosphate kinase	AS08 302	200 µl	WB
SHMT   serine hydroxymethyltransferase	AS05 075	200 µl	WB
UCP   uncoupling protein	AS12 1850	200 µg	WB
VDAC1   voltage-dependent anion-selective channel protein 1	AS07 212	200 µg	WB, BN-PAGE, IL

## Membrane transport system

### Membrane transport system - Endomembrane system

Antibody name/Product name	Product number	Unit size	Applications
Arf1   ADP-ribosylation factor 1	AS08 325	200 µl	WB, IF
Arf1   ADP-ribosylation factor 1, pre-immune serum	AS08 325PRE	100 µl	
AtArf2   ADP ribosylation factor 2	AS09 476	100 µl	ELISA, WB
BiP   luminal-binding protein (Host: Rabbit)	AS09 481	50 µg	ELISA, WB, IF, IG
BiP   luminal-binding protein (Host: Chicken)	AS09 614	100 µg	WB, IF
BiP   luminal-binding protein	AS09 615	100 µg	WB



## Membrane transport system - Endomembrane system

Antibody name/Product name	Product number	Unit size	Applications
BiP   luminal-binding protein, pre-immune serum (Host: Rabbit)	AS09 481PRE	100 µl,	
Clathrin heavy-chain	AS10 690	100 µg	WB, IL
CNX1/2   CALNEXIN HOMOLOG 1/2	AS12 2365	50 µg	WB
GRP-94 homolog   Endoplasmin homolog (SHD) - Under development**	AS13 2677	-	WB
GST class-phi   glutathione S tranferase	AS09 479	100 µl	ELISA, WB
HDEL   endoplasmic reticulum retention signal (100 µg)	AS10 683	100 µg	WB, IF, IG
HDEL   endoplasmic reticulum retention signal (25 µg)	AS10 683-25	25 µg	WB, IF, IG
KDEL   endoplasmic reticulum retention signal (50 µg)	AS13 2665	50 µg	WB, IHC-P
L13-1   60S ribosomal protein L13-1	AS13 2650	200 µg	WB
PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins	AS09 487	50 µg	WB
RPL37   ribosomal protein L37, cytoplasmic	AS12 2115	50 µl	WB
RPS12   ribosomal protein S12, chloroplastic	AS12 2114	50 µl	WB
S14   40S ribosomal protein S14-1	AS12 2111	100 µl	WB
Sar1   secretion-associated and Ras-related protein 1	AS08 326	200 µl	WB, IG
Sec21p   gamma subunit, COP vesicles	AS08 327	200 µl	WB, IF
SIP1   Small basic intrinsic protein 1-1	AS09 495	100 µl	ELISA, WB
SIP2   Small basic intrinsic protein 2-1	AS09 496	100 µl	ELISA, WB
SMT1   Sterol methyltransferase 1	AS07 266	200 ug	WB, IL
VPS26A   Vacuolar protein sorting 26A	AS13 2632	50 µl	WB
VPS29   Vacuolar protein sorting 29	AS13 2633	50 µl	WB

## Membrane transport system - Plasma membrane

Antibody name/Product name	Product number	Unit size	Applications
AKT1   potassium channel AKT1	AS09 516	200 µg	WB
AtPCaP1   Arabidopsis thaliana plasma membrane cation-binding protein-1	AS10 931	100 µl	IHC, WB
Ca2+-ATPase   calmodulin-stimulated calcium-ATPase	AS09 486	100 µl	WB, ELISA
GORK   Potassium channel GORK	AS14 2795	50 µg	WB
H+ATPase   plasma membrane H+ATPase (chicken antibody)	AS13 2671	50 µg	WB
H+ATPase   plasma membrane H+ATPase   Blocking peptide	AS07 260P	500 µg	NeA
H+ATPase   plasma membrane H+ATPase	AS07 260	50 µl	WB, IF, IL
H+ATPase   plasma membrane H+ATPase, pre-immune serum	AS07 260PRE	100 µl	
KC1   potassium channel KAT3	AS09 515	200 µg	WB
Patatin   Blocking peptide	AS12 1842P	500 µg	NeA
PDR8   ABC transporter G family member 36	AS09 471	100 µl	ELISA, WB
PIN2   auxin efflux carrier PIN2 - Under development**	AS05 069	-	IF, WB
PIP (PIP1;1, PIP1;2, PIP1;3, PIP1;4, PIP1;5) aquaporins	AS09 487	50 µg	WB
PIP2;1   aquaporin, plasma membrane intrinsic protein 2-1	AS09 507	100 µl	ELISA, WB
PIP2;5   aquaporin, plasma membrane intrinsic protein 2-5	AS09 508	100 µl	ELISA, WB
Sec6   Exocyst complex subunit	AS13 2686	50 µl	WB
Sec8   Exocyst complex component SEC8	AS13 2708	50 µg	WB
SLT2   sodium sulfate transporter	AS07 244	200 µg	WB
PIP1;1, PIP1;2, PIP1;3   aquaporins	AS09 489	100 µl	ELISA, WB
PIP1;3   aquaporin, plasma membrane intrinsic protein 1-3	AS09 505	100 µl	ELISA, WB
PIP1;3   aquaporin, plasma membrane intrinsic protein 1-3	AS09 504	100 µl	ELISA, WB
PIP2-1-7   plasma membrane aquaporin isoforms 1-7 (C-terminal)	AS12 2110	100 µl	WB



## Membrane transport system - Plasma membrane

Antibody name/Product name	Product number	Unit size	Applications
PIP2-7   plasma membrane aquaporin (N-terminal)	AS09 469	100 µl	ELISA, WB
PIP2;1+PIP2;2   aquaporin PIP2;1+PIP2;2	AS09 488	100 µl	ELISA, WB
PIP2;1, PIP2;2, PIP2;3   plasma membrane intrinsic protein 2-1,2-2,2-3	AS09 491	100 µl	ELISA, WB
PIP2;2   plasma membrane aquaporin 2b	AS09 490	100 µl	ELISA, WB
PIP2;3   aquaporin, plasma membrane intrinsic protein 2-3	AS09 506	100 µl	ELISA, WB, Ig

## Membrane transport system - Vacuolar membrane

Antibody name/Product name	Product number	Unit size	Applications
AtCCaP1   vacuolar calcium-binding protein-related	AS09 483	100 µl	WB, ELISA
Ligand-gated ion channel 1.3	AS09 475	100 µl	ELISA, WB
MRP1, ABCC1   ABC transporter C family member 1	AS09 472	100 µl	ELISA, WB
MTP1   vacuolar Zn <sup>2+</sup> /H <sup>+</sup> antiporter	AS09 485	100 µl	ELISA, WB
NHE-1   Na <sup>+</sup> /H <sup>+</sup> antiporter, sodium/hydrogen exchanger	AS09 484	100 µl	ELISA, WB
NRT1.4   nitrate transporter	AS09 473	100 µl	ELISA, WB
TIP1   Tonoplast intrinsic protein 1-1	AS09 482	100 µl	ELISA, WB
TIP1;1, TIP1;2   tonoplast intrinsic protein 1-1, 1-2 (gamma)   blocking peptide	AS09 493P	100 µg	NeA
TIP1;1, TIP1;2   tonoplast intrinsic protein 1-1, 1-2 (gamma)	AS09 493	100 µl	ELISA, WB
TIP1;1,TIP1;2   tonoplast intrinsic protein1-1, 1-2 (gamma)	AS09 492	100 µl	ELISA, WB
TIP2   Tonoplast intrinsic protein 2;1, 2;2, 2;3	AS12 2619	200 µg	WB
TIP2;1 (delta)   Delta-VM23	AS09 494	100 µl	ELISA, WB
TIP2;1   tonoplast intrinsic protein 2-1	AS09 509	100 µl	ELISA, WB
TIP2;2   tonoplast intrinsic protein 2-2	AS09 510	100 µl	ELISA, WB
TIP2;2   tonoplast intrinsic protein 2-2 (C-terminal)	AS09 511	100 µl	ELISA, WB
V-ATPase   epsilon subunit of tonoplast H <sup>+</sup> -ATPase (200 µl)	AS07 213	200 µl	WB, IHC
V-ATPase   epsilon subunit of tonoplast H <sup>+</sup> -ATPase (affinity purified)	AS09 577A	200 µg	WB
V-ATPase   epsilon subunit of tonoplast H <sup>+</sup> -ATPase   Blocking peptide	AS07 213P	500 µg	NeA
V-ATPase   epsilon subunit of tonoplast H <sup>+</sup> -ATPase	AS09 577	300 µl	WB
V-ATPase, a   vacuolar H <sup>+</sup> ATPase, subunit a	AS09 466	100 µl	ELISA, WB
V-ATPase, A   vacuolar H <sup>+</sup> -ATPase subunit A	AS09 467	100 µl	ELISA, WB
V-ATPase, A   vacuolar H <sup>+</sup> -ATPase subunit A	AS09 502	100 µl	ELISA, WB
V-ATPase, a1   vacuolar H <sup>+</sup> -ATPase subunit a isoform 1 - Under development**	AS14 2822	-	
V-ATPase, B   vacuolar H <sup>+</sup> -ATPase subunit B - Under development**	AS14 2775	-	ELISA, WB
V-ATPase, c   vacuolar H <sup>+</sup> -ATPase, subunit c (16 kDa)	AS09 468	50 µg	WB
V-ATPase, D   vacuolar H <sup>+</sup> -ATPase subunit D	AS09 497	100 µl	ELISA, WB
V-ATPase, H   vacuolar H <sup>+</sup> -ATPase subunit H	AS09 499	100 µl	ELISA, WB
V-PPase   vacuolar H <sup>+</sup> -pyrophosphatase	AS12 1849	100 µl	WB



# Nitrogen metabolism

## Nitrogen metabolism

Antibody name/Product name	Product number	Unit size	Applications
Cat   Catalase (peroxisomal marker)	AS09 501	50 µl	WB
Dehydrin, pre-immune serum	AS10 206PRE	100 µl	
GDH1   glutamate dehydrogenase 1	AS05 068	100 µl	WB, IL
GLN1 GLN2   GS1 glutamine synthetase, pre-immune serum	AS08 295PRE	100 µl	
GLN1 GLN2   GS1 GS2 glutamine synthetase global antibody	AS08 295	200 µl	WB
GLN2   GS2, chloroplastic form of glutamine synthetase	AS08 296	400 µl	WB
GlnA   glutamine synthetase	AS01 018	50 µl	WB
GlnA   glutamine synthetase positive control/quantitation standard	AS09 018S	250 µl	WB
GOGAT   glutamine oxoglutarate aminotransferase	AS07 242	200 µl	WB
NifH   nitrogenase iron protein	AS01 021A	200 µg	WB
NifH   positive control/quantitation standard	AS01 021S	250 µl	WB
NR   Nitrate reductase, assimilatory	AS08 310	200 µg	WB
NRT1.1   nitrate transporter 1.1	AS12 2611	50 µg	WB, IL
NRT2.1   nitrate transporter 2.1	AS12 2612	50 µg	WB
NtcA   global nitrogen regulator	AS12 1873	200 µg	WB
Ornithine	AS09 598	100 µl	i-ELISA
Urease	AS09 559	10 mg	WB, ELISA, IF, IHC
Urease, Affinity purified	AS09 561	1 mg	WB, ELISA, IF, IHC
Urease, Biotin conjugated	AS09 560	1 ml	WB, ELISA, IF, IHC

## ECL Bright

### Agrisera ECL Bright

(art.no. AS14 ECL-10, AS14 ECL-100, AS14 ECL-1L)

AgriseraECL Bright for Western Blot detection is a high quality substrate for detection of horseradish peroxidase enzyme activity at femtogram levels. It is a ready to use 2 component system with low background and superior signal-to-noise ratios.

Trial pack is available for 12 EUR, please inquire: support@agrisera.com

## TMB Enhanced HRP substrate

### Agrisera TMB Enhanced HRP substrate for ELISA

(art.no. AS14 TMB-E-HRP-10, AS14 TMB-E-HRP, AS14 TMB-E-HRP-1L)

AgriseraTMB Enhanced HRP Peroxidase Microwell Substrate is designed to detect and quantify specific peptide/protein/hormone in a complex mixture in the enzyme-linked immunosorbent assay (ELISA).

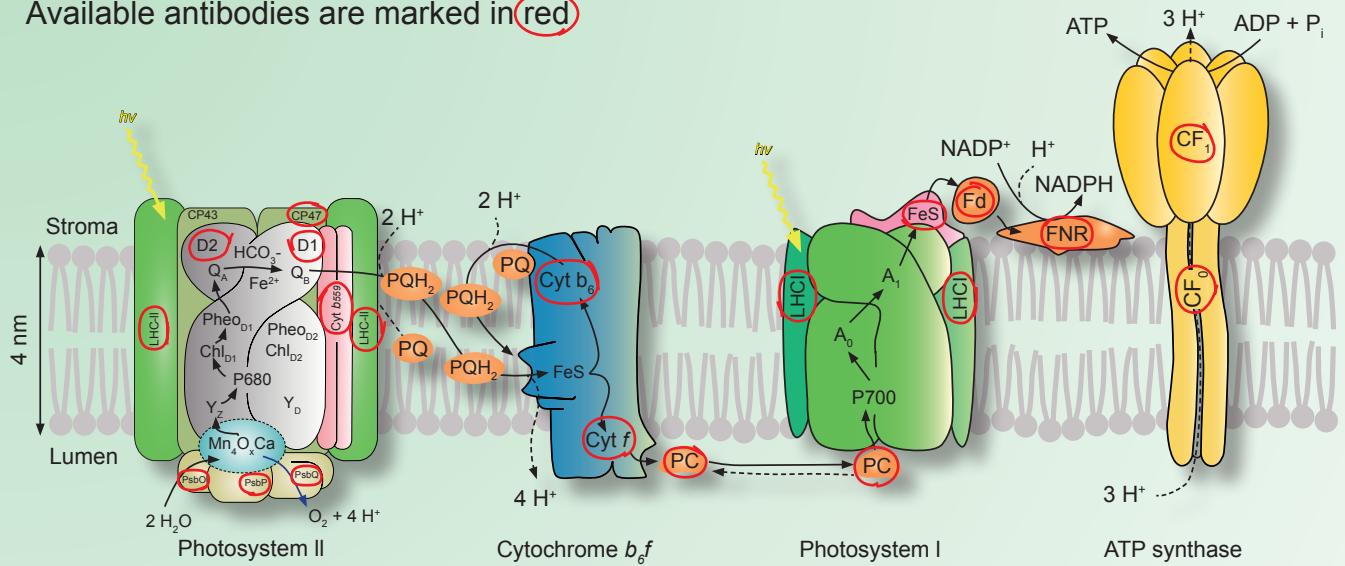
Trial pack is available for 12 EUR, please inquire: support@agrisera.com



# Photosynthesis

## Thylakoid membrane

Available antibodies are marked in red



Source: Figure 1 (a) drawn by D. Shevela for: Govindjee; J.F. Kern; J.Messinger; and J. Whitmarsh (2010) Photosystem II. In: Encyclopedia of Life Sciences (ELS). John Wiley & Sons; <[http://www.life.illinois.edu/govindjee/recent\\_papers.html](http://www.life.illinois.edu/govindjee/recent_papers.html)>; reproduced with the permission of D. Shevela and Govindjee.

## Photosynthesis - Carotenoid biosynthesis

Antibody name/Product name	Product number	Unit size	Applications
IPP isomerase   isopentyl pyrophosphate isomerase	AS13 2710	50 µl	WB
LYC   Lycopene beta cyclase, chloroplastic	AS13 2709	50 µl	WB
NtrC   thioredoxin reductase (TR/TRxR)	AS06 159	200 µg	WB
VDE1   VIOLAXANTHIN DEEPOXIDASE 1 - Under development**	AS12 2604	-	WB
ZEP   Zeaxanthin Epoxidase	AS08 289	200 µl	WB

## Photosynthesis - GreenCut

Antibody name/Product name	Product number	Unit size	Applications
CGL160   Conserved in green lineage 160 - Under development**	AS12 1853	-	WB
CGL40	AS13 2641	50 µl	WB
CGL78   YCF54	AS10 936	200 µl	WB
CGLD27B - Under development**	AS14 2762	-	WB
CNfu1   NifU-like protein 1, chloroplastic	AS13 2642	50 µl	WB
CPLD11 - Under development**	AS10 937	-	WB
PSA2   Photosystem I assembly factor 2	AS13 2654	50 µl	WB, IP
PSB33   Rieske (2Fe-2S) domain-containing protein	AS12 1852	50 µl	WB
SNE18   Rossmann-fold NAD(P)-binding domain-containing protein	AS12 2118	50 µl	WB
VDR1   Violaxanthin de-epoxidase-related protein	AS12 2117	50 µl	WB



Agrisera antibodies  
are working on  
following model  
species:



*A.thaliana*



*H.vulgare*



*S.tuberosum*



*S.lycopersicum*



*O.sativa*



*Z.mays*



*Soleracea*

and many more!

**Tissue Markers** - Fractionation of *Zea mays* (corn) leaf into mesophyll and bundle-sheath cells, followed by detection of photosystem II and carbon fixation proteins illustrates metabolic specialization of C4 plants.

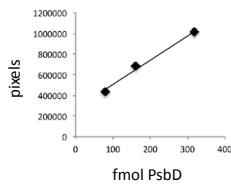
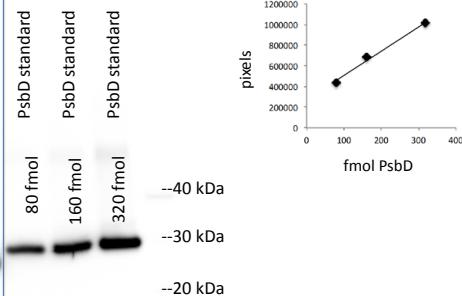
- Expression of PsbD and PEP carboxylase (mesophyll) and Rubisco (bundle sheath) shown by quantitative western blots.
- *Hordeum vulgare* (barley) (lane 1) for comparison of C4 to a C3 plant, shows low PEPC and high Rubisco levels in the C3.
- *Chlamydomonas* (lane 6) for comparison to algae.

1. *Hordeum* (C3) total leaf
2. *Zea mays* (C4) total leaf
3. *Zea mays* bundle sheath
4. *Zea mays* mesophyll
5. *Zea mays* thylakoid
6. *Chlamydomonas*

1 2 3 4 5 6

PsbD--

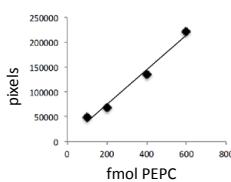
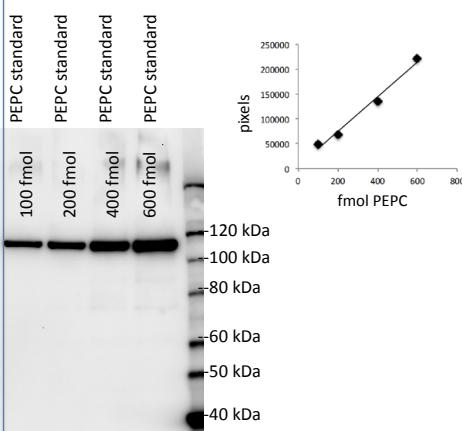
Calibrated standards for positive control and quantitation.



In C4 plants (*Zea mays*)  
PsbD and PEPC higher in mesophyll  
relative to bundle sheath

1 2 3 4 5 6

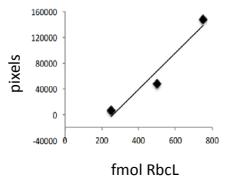
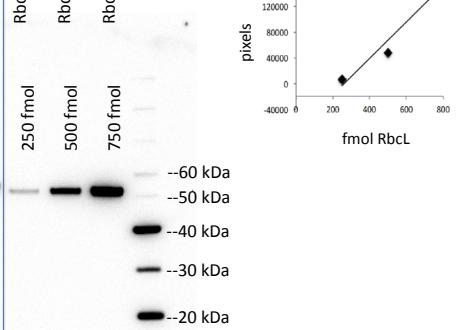
PEPC --



RbcL is higher in  
bundle sheath relative  
to mesophyll

1 2 3 4 5 6

RbcL--



## Photosynthesis - LHC

Antibody name/Product name	Product number	Unit size	Applications
2   Educational antibody kit - photosynthesis	AS05 070	See web	
2   Set of 10 plant anti-Lhca and anti-Lhcb antibodies	AS01 011	See web	WB
2   Set of 4 Chlamydomonas anti-Lhc antibodies	AS01 011 Chlamydomonas	See web	WB
95 kDa Lcm (phycobilisome - to- thylakoid core linker with phycocyanobilin chromophore)	AS08 281	200 µl	WB
APC   allophycocyanin alpha and beta	AS08 277	200 µl	WB
B-PE   phycoerythrobilin and phycourobilin	AS08 280	200 µl	WB
b-PE   phycoerythrobilin	AS08 279	200 µl	WB
HliA   high light inducible protein (100 ul)	AS10 1616	100 ul	WB
HliA   high light inducible protein (300 ul)	AS10 1603	300 ul	WB
HliD   High light inducible protein (100 ul)	AS10 1610	100 µl	WB
HliD   High light inducible protein (300 ul)	AS10 1615	300 µl	WB
Lhc1   PS 1 light harvesting holo-complex	AS08 282	200 µl	WB
Lhca1   PSI type I chlorophyll a/b-binding protein	AS01 005	200 µl	WB
Lhca2   PSI type II chlorophyll a/b-binding protein	AS01 006	200 µl	WB
Lhca3   PSI type III chlorophyll a/b-binding protein	AS01 007	200 µl	WB
Lhca4   PSI type IV chlorophyll a/b-binding protein	AS01 008	200 µl	WB
Lhca5   PSI type V chlorophyll a/b-binding protein	AS05 082	200 µl	WB
Lhcb1   LHCII type I chlorophyll a/b-binding protein	AS01 004	50 µg	WB
Lhcb1   LHCII type I chlorophyll a/b-binding protein	AS09 522	100 µg	WB
Lhcb1   LHCII type I chlorophyll a/b-binding protein, pre-immune serum	AS01 004PRE	100 µl	
Lhcb2   LHCII type II chlorophyll a/b-binding protein	AS01 003	200 µl	WB, IP
Lhcb2-P   LHCII type II chlorophyll a/b-binding protein, phosphorylated	AS13 2705	25 µg	WB
Lhcb3   LHCII type III chlorophyll a/b-binding protein	AS01 002	200 µl	WB
Lhcb3   LHCII type III chlorophyll a/b-binding protein, pre-immune serum	AS01 002PRE	200 µl	
Lhcb4   CP29 (Lhcb4) homolog, Chlamydomonas	AS06 117	100 µl	WB
Lhcb4   CP29 (Lhcb4) homolog, Ostreococcus tauri	AS09 512	200 µl	WB
Lhcb4   CP29 chlorophyll a/b binding protein of plant PSII	AS04 045	200 µl	WB
Lhcb4   CP29 chlorophyll a/b binding protein of plant PSII, pre-immune serum	AS04 045PRE	200 µl	
Lhcb5   CP26 (Lhcb5) homolog, Chlamydomonas	AS09 407	100 µl	WB
Lhcb5   CP26 (Lhcb5) homolog, Ostreococcus tauri	AS09 513	200 µl	WB
Lhcb5   CP26 chlorophyll a/b-binding protein of plant PSII	AS01 009	200 µl	WB, IHC
Lhcb5   CP26 chlorophyll a/b-binding protein of plant PSII, pre-immune serum	AS01 009PRE	200 µl	
Lhcb6   CP24 chlorophyll a/b-binding protein of plant PSII	AS01 010	200 µl	WB
Lhcbm5   chlorophyll a-b binding protein of LHCII	AS09 408	100 µl	WB
LhcSR1 - Under development**	AS14 2819	-	WB
LHCSR3	AS14 2766	50 µl	WB
LHL4   LHC-like protein 4	AS07 250	200 µl	WB
R-PC   R-phycocyanin	AS08 278	200 µl	WB

## Photosynthesis - ATP synthase

Antibody name/Product name	Product number	Unit size	Applications
AtpA   alpha subunit of ATP synthase	AS08 304	100 µl	WB
ATPase   ATP synthase, whole enzyme	AS08 370	100 µl	WB
AtpB   beta subunit of ATP synthase (10 µl) (Host: Rabbit)	AS05 085-10	10 µl	IF, WB, BN-PAGE



## Photosynthesis - ATP synthase

Antibody name/Product name	Product number	Unit size	Applications
AtpB   beta subunit of ATP synthase (100 µl) (Host: Chicken)	AS03 030	100 µl	WB, IL
AtpB   beta subunit of ATP synthase (100 µl) (Host: Rabbit)	AS05 085	100 µl	IF, WB, BN-PAGE
AtpB   beta subunit of ATP synthase, pre-immune serum (Host: Rabbit)	AS05 085PRE	100 µl	
AtpC   gamma subunit of ATP synthase   blocking peptide	AS09 312P	100 µg	NeA
AtpC   gamma subunit of ATP synthase	AS08 312	100 µl	WB
AtpD   CF1 delta subunit of ATP synthase, Affinity purified	AS10 1590	100 µl	WB
AtpD   CF1 delta subunit of ATP synthase, Serum	AS10 1591	100 µl	WB
AtpE   epsilon subunit of ATP synthase	AS10 1586	100 µl	WB
AtpF   CF0I subunit of ATP synthase	AS10 1604	100 µl	WB
AtpG   ATPsynthase subunit II b', chloroplastic	AS09 457	100 µl	WB
AtpH   ATP synthase subunit c	AS05 071	200µl	WB
AtpH   ATP synthase subunit c	AS09 591	100 µl	WB
AtpI   CFoIV subunit of ATP synthase	AS10 1583	100 µl	WB
CGL160   Conserved in green lineage 160 - Under development**	AS12 1853	-	WB
CGL40	AS13 2641	50 µl	WB
PSA2   Photosystem I assembly factor 2	AS13 2654	50 µl	WB, IP

## Photosynthesis - Chlorophyll

Antibody name/Product name	Product number	Unit size	Applications
Acd1   accelerated cell death 1	AS11 1783	100 µl	WB
CPX1   coproporphyrinogen III oxidase, isoform 1	AS06 123	100 µl	WB
CPX1   Coproporphyrinogen-III oxidase 1 - Under development**	AS13 2753	-	WB
CPX2   coproporphyrinogen III oxidase, isoform 2	AS05 081	100 µl	WB
CRD1   cyanobacterial homolog of plant CHL27 cyclase	AS06 122	50 µl	WB
G4   Chlorophyll synthase, chloroplastic - Under development**	AS14 2793	-	WB
GluTR   glutamyl -tRNA reductase	AS10 689	200 µl	WB
HemC   porphobilinogen-Deaminase (PBG)	AS08 375	200 µl	WB
HemF   coproporphyrinogen III oxidase	AS07 226	200 µl	WB
HemH   protoporphyrin ferrochelatase (cyanobacterial)	AS10 693	100 µl	WB
HemH   protoporphyrin ferrochelatase	AS07 228	200 µl	WB
HemY   protoporphyrinogen oxidase	AS07 227	200 µl	WB
NtrC   thioredoxin reductase (TR/TRxR)	AS06 159	200 µg	WB
POR   protochlorophilide oxidoreductase (10 µl)	AS05 067-10	10 µl	WB
POR   protochlorophilide oxidoreductase	AS05 067	200 µl	WB

## Photosynthesis - Electron transfer

Antibody name/Product name	Product number	Unit size	Applications
Cyt b6   (PetB) thylakoid membrane cytochrome b6 protein, N terminal	AS03 034	100 µl	WB
Cyt b6   (PetB) thylakoid membrane cytochrome b6 protein, N terminal	AS03 034	100 µl	WB
Cyt c6   thylakoid lumen cytchrome c6 protein	AS06 202	200 µl	WB
Cyt f   cytochrome f protein ( PetA) of thylakoid Cyt b6/f-complex	AS06 119	50 µl	WB
Cyt f   cytochrome f protein (PetA) of thylakoid Cyt b6/f-complex	AS08 306	50 µl	WB, IG
Fd   ferredoxin 1 (chloroplastic)	AS11 1757	200 µl	WB
FDX1   ferredoxin	AS06 121	200 µl	WB
Fdx3   ferredoxin 3	AS07 224	200 µg	WB



## Photosynthesis - Electron transfer

Antibody name/Product name	Product number	Unit size	Applications
Fdx6   ferredoxin 6	AS07 223	200 µg	WB
FNR   ferredoxin-NADP+-oxidoreductase	AS10 1625	100 µl	WB
NAD(P)H-quinone oxidoreductase subunit 2, chloroplastic	AS13 2721	50 µl	WB
PC   plastocyanin	AS06 141	200 µl	WB, IG
PetC   Rieske iron-sulfur protein of Cyt b6/f complex	AS08 330	200 µl	WB
PetC   Rieske iron-sulfur protein of Cyt b6/f complex	AS07 230	100 µl	WB, IP, IG
PetC   Rieske iron-sulfur protein of Cyt b6/f complex, protein standard	AS08 330S	250 µl	WB
Pre-apoplastocyanin	AS06 118	200 µl	WB
PsbE   alfa subunit of Cytochrome b559 of PSII	AS06 112	100 µl	WB

## Photosynthesis - Kinases

Antibody name/Product name	Product number	Unit size	Applications
Hik29 sensor histidine kinase (100 ul)	AS10 1600	100 µl	WB
Hik29   sensor histidine kinase (300 ul)	AS10 1599	300 µl	WB
Protein kinase protein with tetratricopeptide repeat domain - Under development**	AS11 1793	-	WB
STN7   serine/threonine-protein kinase STN7, chloroplastic	AS10 1611	100 µg	WB
STN8 kinase   serine/threonine-protein kinase STN8, chloroplastic	AS10 1601	100 µg	WB
TAK1 serine/threonine protein kinase (100 ul)	AS10 1612	100 µl	WB
TAK1   serine/threonine protein kinase (300 ul)	AS10 1584	300 µl	WB

## Photosynthesis - PSI (Photosystem I)

Antibody name/Product name	Product number	Unit size	Applications
2   Educational antibody kit - photosynthesis	AS05 070	See web	
2   Photosynthesis Tool Kit - quantitation	AS04 051	See web	WB
Hcf101   high chlorophyll fluorescence phenotype protein	AS06 163	200 µl	WB, IL
PsaA   PSI-A core protein of photosystem I	AS06 172	50 µl	WB, IG
PsaB   PSI-B core subunit of photosystem I	AS10 695-50	50 µl	WB
PsaB   PSI-B core subunit of photosystem I	AS10 695	200 µl	WB
PsaC   positive control/quantitation standard	AS04 042S	250 µl	WB
PsaC   PSI-C core subunit of photosystem I	AS10 939	200 µl	WB
PsaC   PSI-C core subunit of photosystem I (PsaC antibody + PsaC protein positive control )	AS04 042P	200 µl antibody 250 µl standard	WB
PsaD   PSI-D subunit of photosystem I	AS09 461	200 µl	WB
PsaE   PSI-E subunit of photosystem I	AS04 047	100 µl	WB
PsaE   PSI-E subunit of photosystem I	AS08 324	200 µl	WB
PsaF   PSI-F subunit of photosystem I	AS06 104	200 µl	WB
PsaG   PSI-G subunit of photosystem I	AS04 048	100 µl	WB, IG
PsaG   PSI-G subunit of photosystem I, Chlamydomonas	AS06 144	200 µl	WB
PsaH   PSI-H subunit of photosystem I	AS06 105	200 µl	WB
PsaH   PSI-H subunit of photosystem I, Chlamydomonas	AS06 143	200 µl	WB
PsaK   PSI-K subunit of photosystem I	AS04 049	100 µl	WB
PsaL   PSI-L subunit of photosystem I	AS06 108	200 µl	WB
PsaN   PSI-N subunit of photosystem I	AS06 109	200 µg	WB
PsaO   PSI-O subunit of photosystem I	AS04 050	100 µl	WB
Ycf3   Photosystem I assembly protein ycf3	AS07 273	200 µl	WB
Ycf4   photosystem I assembly protein ycf4	AS07 274	200 µl	WB



## Photosynthesis - PSII (Photosystem II)

Antibody name/Product name	Product number	Unit size	Applications
2   Educational antibody kit - photosynthesis	AS05 070	See web	
2   Photosynthesis Tool Kit - quantitation	AS04 051	See web	WB
CP43'   IsiA homolog of plant CP43	AS06 111	200 µg	WB
Psb29   thylakoid membrane formation 1, THF1	AS07 240	200 µg	WB, IP
PsbA   D1 protein of PSII, C-terminal	AS05 084	100 µl	WB
PsbA   D1 protein of PSII, C-terminal (100 µl)	AS01 016	100 µl	WB
PsbA   D1 protein of PSII, DE-loop	AS10 704	50 µl	WB
PsbA   D1 protein of PSII, N-terminal	AS11 1786	200 µl	WB
PsbA   D1 protein of PSII, phosphorylated	AS13 2669	50 µg	WB
PsbB   CP47 protein of PSII	AS04 038	50 µl	WB
PsbB   CP47 protein of PSII, pre-immune serum	AS04 038PRE	100 µl	
PsbC   CP43 protein of PSII	AS11 1787	50 µl	WB
PsbD   D2 protein of PSII positive control/quantitation standard	AS09 146S	250 µl	WB
PsbD   D2 protein of PSII	AS06 146	50 µl	WB
PsbD   D2 protein of PSII, pre-immune serum	AS06 146PRE	100 µl	
PsbE   alfa subunit of Cytochrome b559 of PSII	AS06 112	100 µl	WB
PsbF   beta subunit of Cytochrome b559 of PSII	AS06 113	200 µl	WB
PsbH   small subunit H of PSII	AS06 157	100 µl	WB, IP
Psbl   Psbl   small subunit I of PSII (cyanobacterial)	AS10 692	200 µl	WB
Psbl   small subunit I of PSII	AS06 158	200 µl	WB
PsbN	AS14 2786	50 µl	WB
PsbO   33 kDa of the oxygen evolving complex (OEC) of PSII	AS05 092	100 µl	WB, IHC, IP
PsbO   33 kDa of the oxygen evolving complex (OEC) of PSII	AS06 142-33	260 µg	WB
PsbO1   33 kDa of the oxygen evolving complex (OEC) of PSII	AS14 2824	50 µl	WB, IP
PsbO2   33 kDa of the oxygen evolving complex (OEC) of PSII	AS14 2825	50 µl	WB, IP
PsbP   23 kDa protein of the oxygen evolving complex (OEC) of PSII	AS06 142-23	260 µg	WB
PsbP   23 kDa protein of the oxygen evolving complex (OEC) of PSII	AS06 167	100 µl	WB
PsbP   23 kDa protein of the oxygen evolving complex (OEC) of PSII	AS08 305	100 µl	WB
PsbP-like protein (sll1418)   cyanobacterial	AS10 682	200 µl	WB
PsbQ   16 kDa protein of the oxygen evolving complex (OEC) of PSII	AS06 142-16	200 µl	WB
PsbR   10 kDa protein of PSII	AS05 059	100 µl	WB
PsbS   22 kDa Lhc-like PSII protein (Host: Chicken)	AS03 032	100 µl	WB
PsbS   22 kDa Lhc-like PSII protein (Host: Rabbit)	AS09 533	200 µl	WB
PsbTn   Tn protein of PSII - Under development**	AS06 171	-	
PsbW   small subunit W of PSII	AS05 060	100 µl	WB
PsbX   small subunit X of PSII	AS05 066	200 µl	WB
PsbY   small subunit Y of PSII - Under development**	AS06 114	-	WB
PsbZ   ycf9 protein of PSII	AS06 115	200 µl	WB

## Photosynthesis - Proteases

Antibody name/Product name	Product number	Unit size	Applications
ClpC   chloroplastic form of HSP100	AS01 001	100 µl	WB, IP, IHC
ClpP6   chloroplast ClpP6 proteolytic subunit	AS13 2655	50 µl	WB
Deg1   chloroplastic DegP-type serine protease 1	AS07 246	360 µg	WB
Deg2   chloroplastic DegP-type serine protease 2	AS10 1581	200 µl	WB



## Photosynthesis - Proteases

Antibody name/Product name	Product number	Unit size	Applications
Deg5   protease Do-like 5, chloroplastic	AS10 703	200 µl	WB
Deg8   protease Do-like 8, chloroplastic	AS14 2767	50 µl	WB
Deg9   Protease Do-like 9 (nucleolus marker) - Under development*	AS11 1785	-	
DegP7   protease Do-like 7	AS11 1756	200 µl	WB
FtsH6   plant fts metallo-protease H6	AS05 094A	2x100 µg	WB
FtsH9   plant fts metallo-protease H9	AS06 130	2x200 µg	WB
HhoA   protease HhoA (SII1427; Cyanobase) (300 ul)	AS10 1608	300 ul	WB
HhoA   protease HhoA (SII1427; Cyanobase) (100 ul)	AS10 1619	100 ul	WB
HhoB   protease HhoB (SII1679; Cyanobase) (100 ul)	AS10 1620	100 ul	WB
HhoB   protease HhoB (SII1679; Cyanobase) (300 ul)	AS10 1617	300 ul	WB
HtrA   putative serine protease (100 ul)	AS10 1602	100 ul	WB
HtrA   putative serine protease (300 ul)	AS10 1588	300 ul	WB
PPIase CYP37   peptidyl-prolyl cis-trans isomerase CYP37, chloroplastic (100 ul)	AS10 1589	100 ul	WB
PPIase CYP37   peptidyl-prolyl cis-trans isomerase CYP37, chloroplastic (300 ul)	AS10 1595	300 ul	WB
sII0408   putative thylakoid lumen PPIase (100 ul)	AS10 1594	100 ul	WB
sII0408   putative thylakoid lumen PPIase (300 ul)	AS10 1609	300 ul	WB
SppA1   signal peptide peptidase (cyanobacterial) (200 ul)	AS10 1614	200 ul	WB
SppA1   signal peptide peptidase (higher plants) (100 ul)	AS10 1613	100 ul	WB
SppA1   signal peptide peptidase (higher plants) (300 ul)	AS10 1598	300 ul	WB
SppA2   signal peptide peptidase (cyanobacterial) (100 ul)	AS10 1624	100 ul	WB
SppA2   signal peptide peptidase (cyanobacterial) (300 ul)	AS10 1605	300 ul	WB

## Photosynthesis - Rubisco

Antibody name/Product name	Product number	Unit size	Applications
2   Educational antibody kit - photosynthesis	AS05 070	See web	
2   Photosynthesis Tool Kit - quantitation	AS04 051	See web	WB
2   Rubisco quantitation kit	AS09 409	See web	WB
CPN60A1   CHAPERONIN 60 SUBUNIT ALPHA 1, chloroplastic	AS12 2613	50 µl	WB
RA   Rubisco activase	AS10 700	100 µl	WB
RbcL   Rubisco large subunit, form I and form II (200 µl)	AS03 037-200	200 ul	WB, IF, TP
RbcL   Rubisco large subunit, form I and form II (50 µl)	AS03 037	50 µl	WB, TP, IF, IG
RbcL   Rubisco large subunit, form I	AS01 017	50 µl	WB, IL
RbcL   Rubisco positive control/quantitation standard	AS01 017S	100 µl	WB
RbcS   Rubisco small subunit (SSU)	AS07 259	200 µl	WB
Rubisco depletion kit - Under development**	AS09 616	-	
Rubisco large subunit, pre-immune serum	AS03 037PRE	100 µl	
Rubisco   557 kDa hexadecamer	AS07 218	200 µl	WB, IL

## Photosynthesis - Sucrose metabolism

Antibody name/Product name	Product number	Unit size	Applications
cFBPase   cytosolic fructose-1,6-bisphosphatase (cytoplasm marker in photosynthetic tissues)	AS04 043	100 µl	WB
SPS   sucrose phosphate synthase, global	AS03 035A	200 µg	WB
SPS   sucrose phosphate synthase, maize	AS06 185	100 µl	WB
Sucrose synthase 4 - Under development**	AS11 1796	-	WB



### Photosynthesis - Sucrose metabolism

Antibody name/Product name	Product number	Unit size	Applications
SUS4   Sucrose synthase 4 - Under development**	AS13 2748	-	WB
UGPase   UDP-glucose pyrophosphorylase (cytoplasm marker)	AS05 086	200 µl	WB

### Photosynthesis - TOC/TIC

Antibody name/Product name	Product number	Unit size	Applications
Tic110   chloroplast inner envelope membrane translocon complex protein	AS08 293	200 µl	WB
Toc159   chloroplast outer envelope membrane translocon complex protein	AS07 239	50 µl	WB, IL
Toc33   chloroplast outer envelope membrane translocon complex protein	AS07 236	50 µl	WB, IP
Toc34   chloroplast outer envelope membrane translocon complex protein (Host: Chicken)	AS07 235	50 µl	WB, ELISA, IP
Toc34   chloroplast outer envelope membrane translocon complex protein (Host: Cgicken)	AS07 237	50 µl	WB, ELISA
Toc34   chloroplast outer envelope membrane translocon complex protein (Host: Rabbit)	AS07 238	50 µl	WB
Toc75   chloroplast outer envelope mebrane translocon complex OEP75 protein	AS06 150	200 µl	WB
Toc75   outer chloroplast membrane translocon complex protein	AS08 292	200 µl	WB
Toc75   Protein TOC75-3, chloroplastic, POTRA domain 1	AS08 345	200 µl	WB, FACS, IL
Toc75   Protein TOC75-3, chloroplastic, POTRA domain 3	AS08 351	200 µl	WB, FACS, IL

### Photosynthesis - Other proteins

Antibody name/Product name	Product number	Unit size	Applications
aadA1   aminoglycoside adenyltransferase (chloroplast transformation marker)	AS09 580	200 µg	WB
APX   L-ascorbate peroxidase	AS08 368	200 µl	WB
ARC5   Dynamin-like protein ARC5	AS13 2676	50 µg	WB
ATUAP1   UDP-N-acetylglucosamine diphosphorylase 2 - Under development**	AS15 2829	-	
Beta amylase - Under development**	AS14 2763	-	WB
CAH3   carbonic anhydrase	AS05 073	100 µl	WB, IF, IG
CCS   chloroplastic copper chaperone for SOD	AS07 219	200 µl	WB
CGE1   alfa-CGE1, cloroplastic GrpE homolog	AS06 176	100 µl	WB, IP
CGLD27B - Under development**	AS14 2762	-	WB
ClpB-P   ClpB3	AS09 459	200 µl	WB
CSD2   chloroplastic Cu/Zn superoxide dismutase	AS06 170	200 µl	WB
CsoS1A/B/C   Major carboxysome shell protein 1A, AB, 1C	AS14 2760	50 µg	WB
CURT1A   Curvature thylakoid 1A	AS08 316	200 µg	WB, BN-PAGE
CYP38   cyclophilin 38, peptidyl-prolyl cis-trans isomerase (100 ul)	AS10 1607	100 µl	WB
CYP38   cyclophilin 38, peptidyl-prolyl cis-trans isomerase (300 ul)	AS10 1618	300 µl	WB
DnaK   chloroplast stromal chaperone	AS07 270	200 µl	WB
DRP5B   dynamin related protein 5B	AS12 2634	50 µg	WB
Dsp   death-specific protein	AS10 935	200 µl	WB
Elip   early light induced protein	AS06 147	200 µl	WB
Elip2   early light inducible protein 2	AS03 036	200 µl	WB
EPSP   3-phosphoshikimate 1-carboxyvinyltransferase, chloroplastic	AS14 2782	50 µl	WB
Ferritin (plant)	AS10 674	200 µl	WB
FeSOD   chloroplastic Fe-dependent superoxide dismutase	AS06 125	200 µl	WB
FOX1   plasma membrane ferroxidase FLP1	AS06 120	200 µl	WB, IF



## Photosynthesis - Other proteins

Antibody name/Product name	Product number	Unit size	Applications
GOX   Glycolate oxidase 1,2,3 - Under development**	AS14 2772	-	WB
GPX   chloroplastic glutathione peroxidase	AS04 055	100 µl	WB, ELISA
Hb1   Non-symbiotic hemoglobin 1 - Under development**	AS14 2765	-	WB
IctB   Putative bicarbonate transporter - Under development**	AS13 2702	-	WB
Kelch repeat protein - Under development**	AS14 2761	-	WB
Klech (KrP)   Galactose oxidase/kelch repeat-containing protein - Under development**	AS14 2764	-	WB
Lci5   low carbon dioxide induced protein number 5	AS05 090	100 µl	WB, IHC
LOX-C   chloroplastic lipoxygenase	AS07 258	100 µl	WB
LTP   vesicle-inducing protein in plastids (VIPP1)	AS06 145	200 µl	WB
MatK   Maturase K	AS13 2720	50 µl	WB, WB
NTA1 - Under development**	AS15 2833	-	
PEPC   phosphoenolpyruvate carboxylase positive control/quantitation standard	AS09 458S	100 µl	WB
PEPC   phosphoenolpyruvate carboxylase	AS09 458	50 µg	WB, IL
PEPCK   PEP carboxy kinase	AS07 241	200 µl	WB
PGL35   plastoglobulin 35	AS06 116	200 µl	WB, IF
PGRL1   PGR5-like protein 1A, chloroplastic	AS10 725	100 µl	WB
Plastid acyl-ACP desaturase	AS13 2668	50 µl	WB
PRK ribulose-5-P-kinase   phosphoribulokinase - Under development**	AS07 257	-	WB
PRK ribulose-5-P-kinase  phosphoribulokinase (monocot)	AS09 464	200 µl	WB
PrxQ   peroxiredoxin, thioredoxin reductase	AS05 093	200 µl	WB
RPL33   50S ribosomal protein L33, chloroplastic - Under development**	AS14 2780	-	WB
RPL36   50S ribosomal protein L36, chloroplastic	AS14 2781	50 µg	WB
RPS15   30S ribosomal protein S15, chloroplastic - Under development**	AS14 2779	-	WB
SRP43   Signal recognition peptide 43 - Under development**	AS12 2105	-	
SUS1   Sucrose synthase 1 - Under development**	AS15 2830	-	
SVR4   Supressor of variegation 4	AS13 2725	50 µl	WB
SVR4-like   Supressor of variegation 4 - like	AS13 2726	50 µl	WB
Tlp18.3   Thylakoid lumen 18.3 kDa protein	AS08 369	200 µl	WB
TrxF1/2   Thioredoxin F1/F2, chloroplastic - Under development**	AS14 2808	-	WB
TrxM1/M2   Thioredoxin M1/M2, chloroplastic - Under development**	AS14 2809	-	WB
UBQ11   Ubiquitin	AS08 307	100 µl	WB
UBQ11   Ubiquitin protein   positive control	AS10 307S	50 µl	WB
UBQ11   Ubiquitin, affinity purified antibody	AS08 307A	50 µg	WB
UGPase   UDP-glucose pyrophosphorylase (cytoplasm marker)	AS05 086	200 µl	WB

## Plant pathogens

### Plant pathogens - Fungi

Antibody name/Product name	Product number	Unit size	Applications
Aspergillus niger, Serum (0.1 ml)	AS11 1636	0.1 ml	ELISA
Aspergillus niger, Serum (1 ml)	AS11 1735	1 ml	ELISA
Aspergillus niger, Total IgG (0.2 mg)	AS11 1718	0.2 mg	ELISA



# Plant pathogens

## Plant pathogens - Fungi

Antibody name/Product name	Product number	Unit size	Applications
Aspergillus niger, Total IgG (1 mg)	AS11 1708	1 mg	ELISA
Ergotamine, Serum (0.1 ml)	AS11 1729	0.1 ml	ELISA
Ergotamine, Serum (1 ml)	AS11 1639	1 ml	ELISA
Ergotamine, Total IgG (0.2 mg)	AS11 1650	0.2 mg	ELISA
Ergotamine, Total IgG (1 mg)	AS11 1673	1 mg	ELISA
Gaeumannomyces graminis, Serum (0.1 ml)	AS11 1666	0.1 ml	ELISA
Gaeumannomyces graminis, Serum (1 ml)	AS11 1701	1 ml	ELISA
Gaeumannomyces graminis, Total IgG (0.2 mg)	AS11 1688	0.2 mg	ELISA
Gaeumannomyces graminis, Total IgG (1 mg)	AS11 1681	1 mg	ELISA
Ramularia collo-cygni, Serum (0.1 ml)	AS11 1676	0.1 ml	ELISA
Ramularia collo-cygni, Serum (1 ml)	AS11 1728	1 ml	ELISA
Ramularia collo-cygni, Total IgG (0.2 mg)	AS11 1725	0.2 mg	ELISA
Ramularia collo-cygni, Total IgG (1 mg)	AS11 1705	1 mg	ELISA

## Plant pathogens - Herbicides

Antibody name/Product name	Product number	Unit size	Applications
Dinitro aromates, Serum (0.1 ml)	AS11 1643	0.1 ml	ELISA
Dinitro aromates, Serum (1 ml)	AS11 1659	1 ml	ELISA
Dinitro aromates, Total IgG (0.2 mg)	AS11 1665	0.2 mg	ELISA
Dinitro aromates, Total IgG (1mg)	AS11 1635	1 mg	ELISA
Triazine, Serum (0.1 ml)	AS11 1637	0.1 ml	ELISA
Triazine, Total IgG (1 mg)	AS11 1679	1 mg	ELISA

# Toxins

## Toxins - Insecticides

Antibody name/Product name	Product number	Unit size	Applications
Chlorpyrifos	AS13 2736	1 ml	ELISA, IAC
Fenitrothion	AS13 2738	1 ml	ELISA, IAC
Pirimiphos	AS13 2743	0.5 mg	ELISA, IAC

## Toxins - Marine Toxins

Antibody name/Product name	Product number	Unit size	Applications
STX   saxitoxin, Serum (0.1ml)	AS11 1663	0.1 ml	ELISA
STX   saxitoxin, Serum (1 ml)	AS11 1696	1 ml	ELISA

## Toxins - Plant Toxins

Antibody name/Product name	Product number	Unit size	Applications
Hellebrin (100 ul)	AS11 1740	100 ul	ELISA
Hellebrin (300 ul)	AS10 1597	300 ul	ELISA
Hellethionin (100 ul)	AS10 1626	100 ul	ELISA, WB
Hellethionin (300 ul)	AS10 1622	300 ul	ELISA, WB



## Toxins - Mycotoxins

Antibody name/Product name	Product number	Unit size	Applications
Aflatoxin B1, Serum (0.1 ml)	AS11 1662	0.1 ml	ELISA
Aflatoxin B1, Serum (1 ml)	AS11 1640	1 ml	ELISA
Aflatoxin B1, Total IgG (0.5 mg)	AS11 1733	0.5 mg	ELISA
Aflatoxin B1, Total IgG (2.5 mg)	AS11 1682	2.5 mg	ELISA
Aflatoxin M1	AS14 2801	50 µg	ELISA
Aflatoxin M1, Serum (0.1 ml)	AS11 1668	0.1 ml	ELISA
Aflatoxin M1, Serum (1 ml)	AS11 1741	1 ml	ELISA
Aflatoxin M1, Total IgG (0.5 mg) (Host: Goat) - Under development**	AS15 2827	-	
Aflatoxin M1, Total IgG (0.5 mg) (Host: Rabbit) - Under development**	AS15 2828	-	
DON   deoxynivalenol (0.2 mg total IgG)	AS11 1711	0.2 mg	ELISA
DON   deoxynivalenol, Serum (0.1 ml)	AS11 1654	0.1 ml	ELISA
DON   deoxynivalenol, Serum (1 ml)	AS11 1686	1 ml	ELISA
DON   deoxynivalenol, Total IgG (1 mg)	AS11 1675	2.5 mg	ELISA
Ochratoxin A, Serum (0.1 ml)	AS11 1671	0.1 ml	ELISA
Ochratoxin A, Serum (1 ml)	AS11 1721	1 ml	ELISA
Ochratoxin A, Total IgG (0.5 mg)	AS11 1695	0.5 mg	ELISA
Ochratoxin A, Total IgG (2.5 mg)	AS11 1683	2.5 mg	ELISA
Patulin, Serum (0.1 ml)	AS11 1732	0.1 ml	ELISA
Patulin, Serum (1 ml)	AS11 1648	1 ml	ELISA
Patulin, Total IgG (0.2 mg)	AS11 1645	0.2 mg	ELISA
Patulin, Total IgG (1 mg)	AS11 1699	1 mg	ELISA, ID
Rubellin, Serum (0.1 ml)	AS11 1652	0.1 ml	ELISA
Rubellin, Serum (1 ml)	AS11 1669	1 ml	ELISA
Rubellin, Total IgG (0.2 mg)	AS11 1703	0.2 mg	ELISA
Rubellin, Total IgG (1 mg)	AS11 1710	1 mg	ELISA
ZA   zearalenone, Total IgG (0.5 mg)	AS11 1742	0.5 mg	ELISA
ZA   zearalenone, Total IgG (2.5 mg)	AS11 1674	2.5 mg	ELISA
ZEA   zearalenone, Serum (0.1 ml)	AS11 1736	0.1 ml	ELISA
ZEA   zearalenone, Serum (1 ml)	AS11 1704	1 ml	ELISA

## Toxins - Other compounds

Antibody name/Product name	Product number	Unit size	Applications
Acrylamid   Prop-2-enamide	AS13 2732	1 ml	IAC
Alkylphenols (nonylphenol; octylphenol)	AS13 2733	0.5 ml	ELISA, IAC
Atrazine   2-chloro-4-(ethylamino)-6-(isopropylamino)-s-triazine	AS13 2734	0.5 ml	ELISA, IAC
Bisphenol A	AS13 2735	0.5 ml	ELISA, IAC
Clofibrate	AS13 2737	0.5 ml	ELISA, IAC
Glyphosate	AS13 2739	1 ml	ELISA, IAC
Ibuprofen	AS13 2740	0.5 ml	ELISA, IAC
MTBE   methyl-tert-butylether	AS13 2741	1 ml	IAC
Naproxen	AS13 2742	0.5 ml	ELISA, IAC

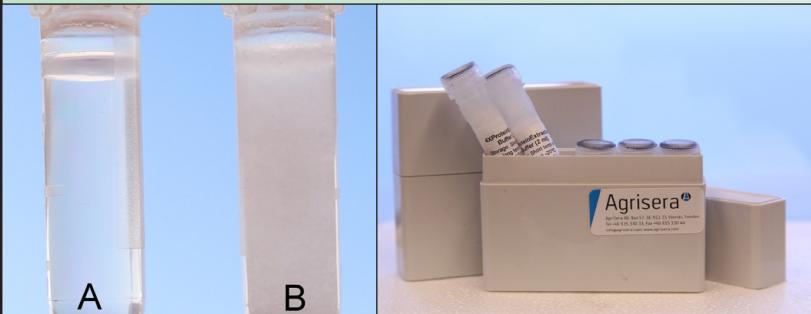


# Tag antibodies

## Tag antibodies

Antibody name/Product name	Product number	Unit size	Applications
c-Myc	AS09 601	100 µg	IF
C-YFP   C-terminal of YFP - Under development**	AS11 1775	-	WB
EGFP   Enhanced Green Fluorescence Protein	AS13 2700	100 µl	IHC, WB.
HA-tag	AS12 2220	100 µg	WB
His-tag   6xHis	AS11 1771	50 µg	WB, Dot, ELISA, IP, ILM
N-YFP   N-terminal of YFP - Under development**	AS11 1776	-	WB

## Protein Extraction Buffer (PEB)



A - Agrisera PEB - protein extraction buffer  
B - SDS containing protein extraction buffer

Agrisera PEB, 5x2ml.

An extraction buffer for quantitative isolation of total soluble/membrane protein from various tissues, optimized for subsequent western blot detection. The use of the anionic detergent LDS together with usage of a bead beater or the combination of sonication and freeze/thaw has been shown to increase the quantity of solubilized and non-degraded proteins when compared to other methods of cell disruption.

Product number: AS08 300

## ECL Bright

(art.no. AS14 ECL-10, AS14 ECL-100, AS14 ECL-1L)

AgriseraECL Bright for Western Blot detection is a high quality substrate for detection of horseradish peroxidase enzyme activity at femtogram levels. It is a ready to use 2 component system with low background and superior signal-to-noise ratios.

**Trial pack** is available for 12 EUR, please inquire: support@agrisera.com

## TMB Enhanced HRP substrate

(art.no. AS14 TMB-E-HRP-10, AS14 TMB-E-HRP, AS14 TMB-E-HRP-1L)

AgriseraTMB Enhanced HRP Peroxidase Microwell Substrate is designed to detect and quantify specific peptide/protein/hormone in a complex mixture in the enzyme-linked immunosorbent assay (ELISA).

**Trial pack** is available for 12 EUR, please inquire: support@agrisera.com



# Anti-Biotin

## Anti-Biotin - DyLight®

Antibody name/Product name	Product number	Unit size
Goat anti-Biotin, DyLight®350 conjugated	AS12 2481	1 mg
Goat anti-Biotin, DyLight®550 Conjugate	AS12 1876	1 mg
Goat anti-Biotin, DyLight®594 Conjugate	AS12 1987	1 mg
Goat anti-Biotin, DyLight®633 conjugated	AS12 2120	1 mg
Goat anti-Biotin, DyLight®650 conjugated	AS12 2228	1 mg
Goat anti-Biotin, DyLight®800 conjugated	AS12 2356	1 mg

## Anti-Biotin - HRP

Antibody name/Product name	Product number	Unit size
Goat anti-Biotin, HRP conjugated	AS10 1454	1 mg

## Anti-Biotin - ALP

Antibody name/Product name	Product number	Unit size
Goat anti-Biotin, ALP conjugated	AS10 1452	1 mg

## Anti-Biotin - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Goat anti-Biotin, FITC conjugated	AS10 1453	1 mg
Goat anti-Biotin, TRITC conjugated	AS10 1455	1 mg

## Anti-Biotin - Unconjugated

Antibody name/Product name	Product number	Unit size
Goat anti-Biotin, Affinity purified, Unconjugated	AS10 666	1 mg

# Anti-Chicken

## Anti-Chicken - DyLight®

Antibody name/Product name	Product number	Unit size
Goat anti-Chicken IgY (H&L), DyLight®350 conjugated	AS11 1820	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®350 conjugated	AS12 2487	1 mg
Goat anti-Chicken IgY (H&L), DyLight®488 conjugated	AS09 622	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®488 conjugated	AS10 1491	1 mg
Goat anti-Chicken IgY (H&L), DyLight®550 conjugated	AS11 1822	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®550 conjugated	AS12 1881	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®594 Conjugate	AS12 1992	1 mg
Goat anti-Chicken IgY (H&L), DyLight®594 conjugated	AS11 1823	1 mg
Goat anti-Chicken IgY (H&L), DyLight®633 conjugated	AS11 1824	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®633 conjugated	AS12 2126	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®650 conjugated	AS12 2234	1 mg
Goat anti-Chicken IgY (H&L), DyLight®650 conjugated	AS11 1825	1 mg
Goat anti-Chicken IgY (H&L), DyLight®800 conjugated	AS11 1827	1 mg
Rabbit anti-Chicken IgY (H&L), DyLight®800 conjugated	AS12 2362	1 mg



### Anti-Chicken - HRP

Antibody name/Product name	Product number	Unit size
Goat anti-Chicken IgY (H&L), HRP conjugated	AS09 603	1 mg
Rabbit anti-Chicken IgY (H&L), HRP conjugated	AS10 1489	1 mg

### Anti-Chicken - ALP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Chicken IgY (H&L), ALP conjugated	AS10 1486	1 mg
Goat anti-Chicken IgY (H&L), ALP conjugated	AS09 606	1 mg

### Anti-Chicken - Biotinylated

Antibody name/Product name	Product number	Unit size
Goat anti-Chicken IgY (H&L), Biotin conjugated	AS09 610	2 mg
Rabbit anti-Chicken IgY (H&L), Biotin conjugated	AS10 1487	2 mg

### Anti-Chicken - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Rabbit anti-Chicken IgY (H&L), FITC conjugated	AS10 1488	2 mg
Goat anti-Chicken IgY (H&L), FITC conjugated	AS10 1284	2 mg
Rabbit anti-Chicken IgY (H&L), TRITC conjugated	AS10 1490	1 mg
Goat anti-Chicken IgY (H&L), TRITC conjugated	AS10 1104	2 mg

### Anti-Chicken - Unconjugated

Antibody name/Product name	Product number	Unit size
Rabbit anti-Chicken IgY (H&L), Affinity purified, Unconjugated	AS10 1485	2 mg
Goat anti-Chicken IgY (H&L), Affinity purified, Unconjugated	AS10 727	2 mg

## Anti-Donkey

### Anti-Donkey - DyLight®

Antibody name/Product name	Product number	Unit size
Goat anti-Donkey IgG (H&L), DyLight®350 conjugated	AS12 2489	1 mg
Goat anti-Donkey IgG (H&L), DyLight®550 conjugated	AS12 1883	1 mg
Goat anti-Donkey IgG (H&L), DyLight®594 Conjugate	AS12 1994	1 mg
Goat anti-Donkey IgG (H&L), DyLight®633 conjugated	AS12 2128	1 mg
Goat anti-Donkey IgG (H&L), DyLight®650 conjugated	AS12 2250	1 mg
Goat anti-Donkey IgG (H&L), DyLight®800 conjugated	AS12 2374	1 mg



# Anti-Goat

## Anti-Goat - DyLight®

Antibody name/Product name	Product number	Unit size
Chicken anti-Goat IgG (H&L), DyLight®350 conjugated	AS12 2490	1 mg
Donkey anti-Goat IgG (H&L), DyLight®350 conjugated	AS12 2492	1 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated	AS12 2495	0.5 mg
Rabbit anti-Goat IgG Fc (γ chain), DyLight®350 conjugated	AS12 2497	1 mg
Rabbit anti-Goat IgG Fc, DyLight®350 conjugated, Pre-adsorbed*	AS12 2498	1 mg
Chicken anti-Goat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2491	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2496	0.5 mg
Rabbit anti-Goat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2494	1 mg
Donkey anti-Goat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2493	1 mg
Chicken anti-Goat IgG (H&L), DyLight®488 conjugated	AS09 621	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®488 conjugated	AS09 623	1 mg
Donkey anti-Goat IgG (H&L), DyLight®488 conjugated	AS10 1116	1 mg
Rabbit anti-Goat IgG Fc, DyLight®488 conjugated, Pre-adsorbed*	AS10 1188	1 mg
Chicken anti-Goat IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1131	0.5 mg
Donkey anti-Goat IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1198	1 mg
Chicken anti-Goat IgG (H&L), DyLight®550 conjugated	AS12 1884	1 mg
Rabbit anti-Goat IgG Fc (γ chain), DyLight®550 conjugated	AS12 1891	1 mg
Donkey anti-Goat IgG (H&L), DyLight®550 conjugated	AS12 1886	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®550 conjugated, F(ab)'2 fragment	AS12 1889	0.5 mg
Rabbit anti-Goat IgG (H&L), DyLight®550 conjugated, F(ab)'2 fragment, Pre-adsorbed*	AS12 1890	0.5 mg
Rabbit anti-Goat IgG Fc, DyLight®550 conjugated, Pre-adsorbed*	AS12 1892	1 mg
Donkey anti-Goat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1887	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1888	1 mg
Chicken anti-Goat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1885	0.5 mg
Chicken anti-Goat IgG (H&L), DyLight®594 Conjugate	AS12 1995	1 mg
Donkey anti-Goat IgG (H&L), DyLight®594 Conjugate	AS12 1997	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®594 Conjugate	AS12 1999	1 mg
Rabbit anti-Goat IgG Fc (γ chain), DyLight®594 conjugated	as12 2003	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®594 conjugated, F(ab)'2 fragment, Pre-adsorbed*	as12 2002	0.5 mg
Rabbit anti-Goat IgG Fc, DyLight®594 conjugated, Pre-adsorbed*	as12 2004	1 mg
Chicken anti-Goat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 1996	0.5 mg
Donkey anti-Goat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 1998	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2000	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®594 conjugated, F(ab)'2 fragment	AS12 2001	0.5 mg
Chicken anti-Goat IgG (H&L), DyLight®633 conjugated	AS12 2129	1 mg
Donkey anti-Goat IgG (H&L), DyLight®633 conjugated	AS12 2131	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®633 conjugated	AS12 2133	1 mg
Rabbit anti-Goat IgG Fc (γ chain), DyLight®633 conjugated	AS12 2137	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®633 conjugated, F(ab)'2 fragment	AS12 2135	0.5 mg
Rabbit anti-Goat IgG (H&L), DyLight®633 conjugated, F(ab)'2 fragment, Pre-adsorbed*	AS12 2136	0.5 mg
Rabbit anti-Goat IgG Fc, DyLight®633 conjugated, Pre-adsorbed*	AS12 2138	1 mg
Chicken anti-Goat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	As12 2130	0.5 mg
Donkey anti-Goat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2132	1 mg



## Anti-Goat - DyLight®

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2134	1 mg
Chicken anti-Goat IgG (H&L), DyLight®650 conjugated	AS12 2251	1 mg
Donkey anti-Goat IgG (H&L), DyLight®650 conjugated	AS12 2253	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®650 conjugated	AS12 2255	1 mg
Rabbit anti-Goat IgG Fc ( $\gamma$ chain), DyLight®650 conjugated	AS12 2259	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®650 conjugated, F(ab)'2 fragment	AS12 2257	0.5 mg
Rabbit anti-Goat IgG (H&L), DyLight®650 conjugated, F(ab)'2 fragment, Pre-adsorbed*	AS12 2258	0.5 mg
Rabbit anti-Goat IgG Fc, DyLight®650 conjugated, Pre-adsorbed*	AS12 2260	1 mg
Chicken anti-Goat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2252	0.5 mg
Donkey anti-Goat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2254	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2256	1 mg
Chicken anti-Goat IgG (H&L), DyLight®800 conjugated	AS12 2375	1 mg
Donkey anti-Goat IgG (H&L), DyLight®800 conjugated	AS12 2377	1 mg
Rabbit anti-Goat IgG (H&L), DyLight®800 conjugated	AS12 2379	1 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated	AS12 2381	0.5 mg
Rabbit anti-Goat IgG Fc ( $\gamma$ chain), DyLight®800 conjugated	AS12 2383	1 mg
Rabbit anti-Goat IgG Fc, DyLight®800 conjugated, Pre-adsorbed*	AS12 2384	1 mg
Chicken anti-Goat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2376	0.5 mg
Donkey anti-Goat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2378	1 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2382	0.5 mg
Rabbit anti-Goat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2380	1 mg

## Anti-Goat - HRP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, HRP conjugated	AS10 1045	0.5 mg
Rabbit anti-Goat IgG (H&L), HRP conjugated	AS09 605	1 mg
Chicken anti-Goat IgG (H&L), HRP conjugated	AS10 1068	1 mg
Donkey anti-Goat IgG (H&L), HRP conjugated	AS10 1260	1 mg
Rabbit anti-Goat IgG Fc, HRP conjugated	AS10 1003	1 mg
Rabbit anti-Goat IgG Fc, HRP conjugated, Pre-adsorbed*	AS10 1106	1 mg
Rabbit anti-Goat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 659	1 mg
Donkey anti-Goat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1069	1 mg
Chicken anti-Goat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1238	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, HRP conjugated, Pre-adsorbed*	AS10 1065	0.5 mg

## Anti-Goat - ALP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), ALP conjugated	AS09 630	1 mg
Chicken anti-Goat IgG (H&L), ALP conjugated	AS10 1112	1 mg
Donkey anti-Goat IgG (H&L), ALP conjugated	AS10 1181	1 mg
Rabbit anti-Goat IgG Fc, ALP conjugated	AS10 1254	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, ALP conjugated	AS10 1154	0.5 mg
Rabbit anti-Goat IgG Fc, ALP conjugated, Pre-adsorbed*	AS10 1281	0.5 mg
Rabbit anti-Goat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 657	0.5 mg
Donkey anti-Goat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1043	0.5 mg



## Anti-Goat - ALP

Antibody name/Product name	Product number	Unit size
Chicken anti-Goat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1263	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, ALP conjugated, Pre-adsorbed*	AS10 1064	0.5 mg

## Anti-Goat - Biotinylated

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), Biotin conjugated	AS09 612	2 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, Biotin conjugated	AS10 997	0.5 mg
Chicken anti-Goat IgG (H&L), Biotin conjugated	AS10 1180	1 mg
Donkey anti-Goat IgG (H&L), Biotin conjugated	AS10 1305	2 mg
Rabbit anti-Goat IgG Fc, Biotin conjugated	AS10 1241	1 mg
Rabbit anti-Goat IgG Fc, Biotin conjugated, Pre-adsorbed*	AS10 1143	1 mg
Rabbit anti-Goat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 658	1 mg
Donkey anti-Goat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1212	1 mg
Chicken anti-Goat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1026	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, Biotin conjugated, Pre-adsorbed*	AS10 1056	0.5 mg

## Anti-Goat - HRP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, HRP conjugated	AS10 1045	0.5 mg
Rabbit anti-Goat IgG (H&L), HRP conjugated	AS09 605	1 mg
Chicken anti-Goat IgG (H&L), HRP conjugated	AS10 1068	1 mg
Donkey anti-Goat IgG (H&L), HRP conjugated	AS10 1260	1 mg
Rabbit anti-Goat IgG Fc, HRP conjugated	AS10 1003	1 mg
Rabbit anti-Goat IgG Fc, HRP conjugated, Pre-adsorbed*	AS10 1106	1 mg
Rabbit anti-Goat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 659	1 mg
Donkey anti-Goat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1069	1 mg
Chicken anti-Goat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1238	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, HRP conjugated, Pre-adsorbed*	AS10 1065	0.5 mg

## Anti-Goat - ALP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), ALP conjugated	AS09 630	1 mg
Chicken anti-Goat IgG (H&L), ALP conjugated	AS10 1112	1 mg
Donkey anti-Goat IgG (H&L), ALP conjugated	AS10 1181	1 mg
Rabbit anti-Goat IgG Fc, ALP conjugated	AS10 1254	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, ALP conjugated	AS10 1154	0.5 mg
Rabbit anti-Goat IgG Fc, ALP conjugated, Pre-adsorbed*	AS10 1281	0.5 mg
Rabbit anti-Goat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 657	0.5 mg
Donkey anti-Goat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1043	0.5 mg
Chicken anti-Goat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1263	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, ALP conjugated, Pre-adsorbed*	AS10 1064	0.5 mg

## Anti-Goat - Biotinylated

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), Biotin conjugated	AS09 612	2 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, Biotin conjugated	AS10 997	0.5 mg



**Anti-Goat - Biotinylated**

Antibody name/Product name	Product number	Unit size
Chicken anti-Goat IgG (H&L), Biotin conjugated	AS10 1180	1 mg
Donkey anti-Goat IgG (H&L), Biotin conjugated	AS10 1305	2 mg
Rabbit anti-Goat IgG Fc, Biotin conjugated	AS10 1241	1 mg
Rabbit anti-Goat IgG Fc, Biotin conjugated, Pre-adsorbed*	AS10 1143	1 mg
Rabbit anti-Goat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 658	1 mg
Donkey anti-Goat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1212	1 mg
Chicken anti-Goat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1026	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, Biotin conjugated, Pre-adsorbed*	AS10 1056	0.5 mg

**Anti-Goat - FITC, TRITC**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, FITC conjugated	AS10 1037	0.5 mg
Donkey anti-Goat IgG (H&L), FITC conjugated	AS10 1078	2 mg
Rabbit anti-Goat IgG (H&L), FITC conjugated	AS10 1155	2 mg
Chicken anti-Goat IgG (H&L), FITC conjugated	AS10 1161	1 mg
Rabbit anti-Goat IgG Fc, FITC conjugated	AS10 953	1 mg
Rabbit anti-Goat IgG Fc, FITC conjugated, Pre-adsorbed*	AS10 1303	1 mg
Donkey anti-Goat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1092	1 mg
Chicken anti-Goat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1259	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, FITC conjugated, Pre-adsorbed*	AS10 1058	0.5 mg
Rabbit anti-Goat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1271	1 mg
Rabbit anti-Goat IgG (H&L), TRITC conjugated	AS10 943	1 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, TRITC conjugated	AS10 980	0.5 mg
Donkey anti-Goat IgG (H&L), TRITC conjugated	AS10 1046	1 mg
Chicken anti-Goat IgG (H&L), TRITC conjugated	AS10 1137	1 mg
Rabbit anti-Goat IgG Fc, TRITC conjugated	AS10 1100	1 mg
Rabbit anti-Goat IgG Fc, TRITC conjugated, Pre-adsorbed*	AS10 1249	1 mg
Donkey anti-Goat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1228	1 mg
Chicken anti-Goat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1244	0.5 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, TRITC conjugated, Pre-adsorbed*	AS10 1300	0.5 mg
Rabbit anti-Goat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1101	1 mg

**Anti-Goat - Unconjugated**

Antibody name/Product name	Product number	Unit size
Donkey anti-Goat IgG (H&L), Affinity purified, Unconjugated	AS10 1062	2 mg
Chicken anti-Goat IgG (H&L), Affinity purified, Unconjugated	AS10 1133	2 mg
Rabbit anti-Goat IgG (H&L), Affinity purified, Unconjugated	AS10 1265	2 mg
Rabbit anti-Goat IgG Fc, Affinity purified, Unconjugated	AS10 995	1 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated	AS10 960	1 mg
Rabbit anti-Goat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1061	1 mg
Rabbit anti-Goat IgG Fc, Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1274	1 mg
Chicken anti-Goat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1034	1 mg
Donkey anti-Goat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1021	1 mg
Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1077	1 mg



# Anti-Guinea pig

## Anti-Guinea pig - DyLight®

Antibody name/Product name	Product number	Unit size
Goat anti-Guinea pig IgG (H&L), DyLight®350 conjugated	AS12 2499	1 mg
Rabbit anti-Guinea pig IgG (H&L), DyLight®350 conjugated	AS12 2501	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2500	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1080	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®550 conjugated	AS12 1893	1 mg
Rabbit anti-Guinea pig IgG (H&L), DyLight®550 conjugated	AS12 1895	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1894	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®594 Conjugate	AS12 2005	1 mg
Rabbit anti-Guinea pig IgG (H&L), DyLight®594 Conjugate	AS12 2007	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2006	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®633 conjugated	AS12 2139	1 mg
Rabbit anti-Guinea pig IgG (H&L), DyLight®633 conjugated	AS12 2141	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2140	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®650 conjugated	AS12 2261	1 mg
Rabbit anti-Guinea pig IgG (H&L), DyLight®650 conjugated	AS12 2263	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2262	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®800 conjugated	AS12 2385	1 mg
Rabbit anti-Guinea pig IgG (H&L), DyLight®800 conjugated	AS12 2387	1 mg
Goat anti-Guinea pig IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2386	1 mg

## Anti-Guinea pig - HRP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Guinea pig IgG (H&L), HRP conjugated	AS10 1496	1 mg
Goat anti-Guinea pig IgG (H&L), HRP conjugated	AS10 653	1 mg
Goat anti-Guinea pig IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 654	1 mg

## Anti-Guinea pig - ALP

Antibody name/Product name	Product number	Unit size
Goat anti-Guinea pig IgG (H&L), ALP (alkaline phosphatase) conjugated, Pre-adsorbed*	AS10 1051	1 mg
Rabbit anti-Guinea pig IgG (H&L), ALP conjugated	AS10 1493	0.5 mg
Goat anti-Guinea pig IgG (H&L), ALP conjugated	AS10 656	1 mg

## Anti-Guinea pig - Biotinylated

Antibody name/Product name	Product number	Unit size
Rabbit anti-Guinea pig IgG (H&L), Biotin conjugated	AS10 1494	1 mg
Goat anti-Guinea pig IgG (H&L), Biotin conjugated	AS10 655	2 mg
Goat anti-Guinea pig IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1268	1 mg

## Anti-Guinea pig - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Rabbit anti-Guinea pig IgG (H&L), FITC conjugated	AS10 1495	1 mg
Goat anti-Guinea pig IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1117	1 mg
Rabbit anti-Guinea pig IgG (H&L), TRITC conjugated	AS10 1497	1 mg
Goat anti-Guinea pig IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1048	1 mg



**Anti-Guinea pig - Unconjugated**

Antibody name/Product name	Product number	Unit size
Goat anti-Guinea pig (H&L) Affinity purified, Unconjugated	AS10 728	2 mg
Rabbit anti-Guinea pig IgG (H&L), Affinity purified, Unconjugated	AS10 1492	1 mg
Goat anti-Guinea pig IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1053	1 mg

## Anti-Hamster

**Anti-Hamster - DyLight®**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Hamster IgG (H&L), DyLight®350 conjugated	AS12 2502	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2503	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®488 conjugated	AS10 1240	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®550 conjugated	AS12 1896	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1897	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®594 Conjugate	AS12 2008	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2009	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®633 conjugated	AS12 2142	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2143	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®650 conjugated	AS12 2264	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2265	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®800 conjugated	AS12 2388	1 mg
Rabbit anti-Hamster IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2389	1 mg

**Anti-Hamster - HRP**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Hamster IgG (H&L), HRP conjugated	AS11 1745	1 mg

**Anti-Hamster - ALP**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Hamster IgG (H&L), ALP conjugated	AS11 1744	1 mg

**Anti-Hamster - Biotinylated**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Hamster IgG (H&L), Biotin conjugated	AS10 974	1 mg

**Anti-Hamster - FITC, TRITC**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Hamster IgG (H&L), TRITC conjugated	AS10 1208	2 mg
Rabbit anti-Hamster IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1060	1 mg

**Anti-Hamster - Unconjugated**

Antibody name/Product name	Product number	Unit size
Rabbit anti-Hamster (H&L), Affinity purified, Unconjugated	AS11 1743	2 mg



# Anti-Llama

## Anti-Llama - DyLight®

Antibody name/Product name	Product number	Unit size
Goat anti-Llama IgG (H&L), DyLight®350 conjugated	AS12 2536	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®350 conjugated	AS12 2537	1 mg
Goat anti-Llama IgG (H&L), DyLight®488 conjugated	AS10 1422	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®488 conjugated	AS10 1519	1 mg
Goat anti-Llama IgG (H&L), DyLight®550 conjugated	AS12 1930	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®550 conjugated	AS12 1931	1 mg
Goat anti-Llama IgG (H&L), DyLight®594 Conjugate	AS12 2044	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®594 conjugated	AS12 2045	1 mg
Goat anti-Llama IgG (H&L), DyLight®633 conjugated	AS12 2176	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®633 conjugated	AS12 2177	1 mg
Goat anti-Llama IgG (H&L), DyLight®650 conjugated	AS12 2298	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®650 conjugated	AS12 2299	1 mg
Goat anti-Llama IgG (H&L), DyLight®800 conjugated	AS12 2422	1 mg
Rabbit anti-Llama IgG (H&L), DyLight®800 conjugated	AS12 2423	1 mg

## Anti-Llama - HRP

Antibody name/Product name	Product number	Unit size
Goat anti-Llama IgG (H&L), HRP conjugated	AS10 1420	1 mg
Rabbit anti-Llama IgG (H&L), HRP conjugated	AS10 1517	1 mg

## Anti-Llama - ALP

Antibody name/Product name	Product number	Unit size
Goat anti-Llama IgG (H&L), ALP conjugated	AS10 1417	0.5 mg
Rabbit anti-Llama IgG (H&L), ALP conjugated	AS10 1514	0.5 mg

## Anti-Llama - Biotinylated

Antibody name/Product name	Product number	Unit size
Goat anti-Llama IgG (H&L), Biotin conjugated	AS10 1418	1 mg
Rabbit anti-Llama IgG (H&L), Biotin conjugated	AS10 1515	1 mg

## Anti-Llama - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Goat anti-Llama IgG (H&L), FITC conjugated	AS10 1419	1 mg
Rabbit anti-Llama IgG (H&L), FITC conjugated	AS10 1516	1 mg
Goat anti-Llama IgG (H&L), TRITC conjugated	AS10 1421	1 mg
Rabbit anti-Llama IgG (H&L), TRITC conjugated	AS10 1518	1 mg

## Anti-Llama - Unconjugated

Antibody name/Product name	Product number	Unit size
Goat anti-Llama IgG (H&L), Affinity purified, Unconjugated	AS10 1416	1 mg
Rabbit anti-Llama IgG (H&L), Affinity purified, Unconjugated	AS10 1513	1 mg



# Anti-Mouse

## Anti-Mouse - DyLight®

Antibody name/Product name	Product number	Unit size
Chicken anti-Mouse IgG (H&L), DyLight®350 conjugated	AS12 2538	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®350 conjugated	AS12 2540	1 mg
Goat anti-Mouse IgG (H&L), DyLight®350 conjugated	AS12 2544	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®350 conjugated	AS12 2562	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated	AS12 2542	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated	AS12 2549	0.5 mg
Goat anti-Mouse IgG Fc, (γ chain), DyLight®350 conjugated	AS12 2554	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2541	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2543	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2552	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2553	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2547	1 mg
Goat anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2548	1 mg
Goat anti-Mouse IgG Fc, DyLight®350 conjugated, Pre-adsorbed*	AS12 2555	1 mg
Goat anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2546	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2551	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2545	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2550	0.5 mg
Chicken anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2539	0.5 mg
Rabbit anti-Mouse IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2563	1 mg
Chicken anti-Mouse IgG (H&L), Affinity Pure, DyLight®488 Conjugate	AS10 1182	1 mg
Goat anti-Mouse IgG (H&L), DyLight®488 conjugated	AS09 632	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®488 conjugated	AS10 1261	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®488 conjugated	AS10 999	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®488 conjugated	AS10 1220	0.5 mg
Goat anti-Mouse IgG Fc, (gamma chain), DyLight®488 conjugated	AS10 971	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1201	1 mg
Goat anti-Mouse IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1096	1 mg
Goat anti-Mouse IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS09 637	1 mg
Chicken anti-Mouse IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1213	0.5 mg
Chicken anti-Mouse IgG (H&L), DyLight®550 Conjugate	AS12 1932	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 Conjugate	AS12 1936	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 Conjugate	AS12 1943	0.5 mg
Donkey anti-Mouse IgG (H&L), DyLight®550 conjugated	AS12 1934	1 mg
Goat anti-Mouse IgG (H&L), DyLight®550 conjugated	AS12 1938	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®550 conjugated	AS12 1956	1 mg
Goat anti-Mouse IgG Fc, (γ chain), DyLight®550 conjugated	AS12 1948	1 mg
Chicken anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1933	0.5 mg
Donkey anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1935	1 mg
Goat anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1941	1 mg
Goat anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1942	1 mg
Goat anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1940	1 mg



**Anti-Mouse - DyLight®**

Antibody name/Product name	Product number	Unit size
Goat anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1939	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1944	0.5 mg
Goat anti-Mouse IgG Fc, DyLight®550 conjugated, Pre-adsorbed*	AS12 1949	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1937	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1946	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1947	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1945	0.5 mg
Rabbit anti-Mouse IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1957	1 mg
Chicken anti-Mouse IgG (H&L), DyLight®594 Conjugate	AS12 2046	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®594 Conjugate	AS12 2048	1 mg
Goat anti-Mouse IgG (H&L), DyLight®594 Conjugate	AS12 2052	1mg
Rabbit anti-Mouse IgG (H&L), DyLight®594 conjugate	AS12 2070	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 Conjugate	AS12 2050	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 Conjugate	AS12 2057	0.5 mg
Goat anti-Mouse IgG Fc, ((γ chain), DyLight®594 Conjugate	AS12 2062	1 mg
Chicken anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2047	0.5 mg
Donkey anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2049	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2051	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2060	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2061	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2055	1mg
Goat anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2056	1mg
Goat anti-Mouse IgG Fc, DyLight®594 conjugated, Pre-adsorbed*	AS12 2063	1 mg
Goat anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2054	1mg
Goat anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2053	1mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2058	0.5 mg
Rabbit anti-Mouse IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2071	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2059	0.5 mg
Chicken anti-Mouse IgG (H&L), DyLight®633 conjugated	AS12 2178	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®633 conjugated	AS12 2180	1 mg
Goat anti-Mouse IgG (H&L), DyLight®633 conjugated	AS12 2184	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®633 conjugated	AS12 2202	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated	AS12 2182	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated	AS12 2189	0.5 mg
Goat anti-Mouse IgG Fc, (γ chain), DyLight®633 conjugated	AS12 2194	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2181	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2183	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2192	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2193	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2187	1 mg
Goat anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2188	1 mg
Goat anti-Mouse IgG Fc, DyLight®633 conjugated, Pre-adsorbed*	AS12 2195	1 mg
Goat anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2186	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2191	0.5 mg



**Anti-Mouse - DyLight®**

Antibody name/Product name	Product number	Unit size
Goat anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2185	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2190	0.5 mg
Chicken anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2179	0.5 mg
Rabbit anti-Mouse IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2203	1 mg
Chicken anti-Mouse IgG (H&L), DyLight®650 conjugated	AS12 2300	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®650 conjugated	AS12 2302	1 mg
Goat anti-Mouse IgG (H&L), DyLight®650 conjugated	AS12 2305	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®650 conjugated	AS12 2323	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated	AS12 2303	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated	AS12 2310	0.5 mg
Goat anti-Mouse IgG Fc, DyLight®650 conjugated	AS12 2315	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2304	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2313	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2314	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2308	1 mg
Goat anti-Mouse IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2309	1 mg
Goat anti-Mouse IgG Fc, DyLight®650 conjugated, Pre-adsorbed*	AS12 2316	1 mg
Goat anti-Mouse IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2307	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2312	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2306	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2311	0.5 mg
Chicken anti-Mouse IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2301	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2324	1 mg
Donkey anti-Mouse IgG (H&L), Affinity Pure, DyLight®650 conjugated, Pre-adsorbed*	AS12 2035	1 mg
Chicken anti-Mouse IgG (H&L), DyLight®800 conjugated	AS12 2424	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®800 conjugated	AS12 2426	1 mg
Goat anti-Mouse IgG (H&L), DyLight®800 conjugated	AS12 2430	1 mg
Rabbit anti-Mouse IgG (H&L), DyLight®800 conjugated	AS12 2448	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated	AS12 2428	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated	AS12 2435	0.5 mg
Goat anti-Mouse IgG Fc, (γ chain), DyLight®800 conjugated	AS12 2440	1 mg
Donkey anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2427	1 mg
Donkey anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2429	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2438	0.5 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2439	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2433	1 mg
Goat anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2434	1 mg
Goat anti-Mouse IgG Fc, DyLight®800 conjugated, Pre-adsorbed*	AS12 2441	1 mg
Goat anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2432	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2437	0.5 mg
Goat anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2431	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2436	0.5 mg
Chicken anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2425	0.5 mg
Rabbit anti-Mouse IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2449	1 mg



## Anti-Mouse - HRP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Mouse IgG (H&L), HRP conjugated	AS09 627	1 mg
Chicken anti-Mouse IgG (H&L), HRP conjugated	AS10 1033	1 mg
Donkey anti-Mouse IgG (H&L), HRP conjugated	AS10 1277	1 mg
Goat anti-Mouse IgG (H&L), HRP conjugated	AS11 1772	1 mg
Goat anti-Mouse IgG Fc, HRP conjugated	AS10 1227	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, HRP conjugated	AS10 998	0.5 mg
Goat anti-Mouse IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 964	1 mg
Goat anti-Mouse IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1427	1 mg
Donkey anti-Mouse IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1087	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, HRP conjugated, Pre-adsorbed*	AS10 1189	0.5 mg
Goat anti-Mouse IgM ( $\mu$ chain), HRP conjugated, Pre-adsorbed*	AS10 969	1 mg
Rabbit anti-Mouse IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1114	1 mg
Chicken anti-Mouse IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1167	0.5 mg

## Anti-Mouse - ALP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Mouse IgG (H&L), ALP conjugated	AS09 629	1 mg
Donkey anti-Mouse IgG (H&L), ALP conjugated	AS10 1027	1 mg
Chicken anti-Mouse IgG (H&L), ALP conjugated	AS10 1125	1 mg
Goat anti-Mouse IgG (H&L), ALP conjugated	AS10 1159	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, ALP conjugated	AS10 1139	0.5 mg
Goat anti-Mouse IgG Fc, ALP conjugated	AS10 1294	1 mg
Goat anti-Mouse IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1424	1 mg
Donkey anti-Mouse IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1110	1 mg
Goat anti-Mouse IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 948	1 mg
Goat anti-Mouse IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1066	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, ALP conjugated, Pre-adsorbed*	AS10 1193	0.5 mg
Rabbit anti-Mouse IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1235	1 mg
Chicken anti-Mouse IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 954	0.5 mg

## Anti-Mouse - Biotinylated

Antibody name/Product name	Product number	Unit size
Rabbit anti-Mouse IgG (H&L), Biotin conjugated	AS09 609	2 mg
Goat anti-Mouse IgG (H&L), Biotin conjugated	AS10 1095	2 mg
Chicken anti-Mouse IgG (H&L), Biotin conjugated	AS10 1169	1 mg
Donkey anti-Mouse IgG (H&L), Biotin conjugated	AS10 1225	2 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, Biotin conjugated	AS10 1081	0.5 mg
Goat anti-Mouse IgG Fc, Biotin conjugated	AS10 1020	2 mg
Goat anti-Mouse IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1425	2 mg
Donkey anti-Mouse IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1242	1 mg
Goat anti-Mouse IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 990	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, Biotin conjugated, Pre-adsorbed*	AS10 981	0.5 mg
Rabbit anti-Mouse IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1291	2 mg
Chicken anti-Mouse IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1103	0.5 mg



## Anti-Mouse - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, FITC conjugated	AS10 967	2 mg
Rabbit anti-Mouse IgG (H&L), FITC conjugated	AS10 1149	2 mg
Goat anti-Mouse IgG (H&L), FITC conjugated	AS10 1223	2 mg
Donkey anti-Mouse IgG (H&L), FITC conjugated	AS10 1285	2 mg
Chicken anti-Mouse IgG (H&L), FITC conjugated	AS10 1297	1 mg
Goat anti-Mouse IgG Fc, FITC conjugated	AS10 1273	2 mg
Goat anti-Mouse IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1426	2 mg
Donkey anti-Mouse IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1177	1 mg
Goat anti-Mouse IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1156	1 mg
Goat anti-Mouse IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 962	2 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, FITC conjugated, Pre-adsorbed*	AS10 1002	0.5 mg
Rabbit anti-Mouse IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1190	2 mg
Chicken anti-Mouse IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 955	0.5 mg
Rabbit anti-Mouse IgG (H&L), TRITC conjugated	AS10 957	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, TRITC conjugated	AS10 1289	0.5 mg
Goat anti-Mouse IgG (H&L), TRITC conjugated	AS10 1207	1 mg
Chicken anti-Mouse IgG (H&L), TRITC conjugated	AS10 1276	1 mg
Donkey anti-Mouse IgG (H&L), TRITC conjugated	AS10 985	2 mg
Goat anti-Mouse IgG (heavy chain), TRITC conjugated	AS10 976	1 mg
Donkey anti-Mouse IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 951	1 mg
Goat anti-Mouse IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1428	1 mg
Goat anti-Mouse IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1118	1 mg
Goat anti-Mouse IgG + IgM, TRITC conjugated, Pre-adsorbed*	AS10 941	1 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, TRITC conjugated, Pre-adsorbed*	AS10 1071	0.5 mg
Chicken anti-Mouse IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1004	0.5 mg
Goat anti-Mouse IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1049	1 mg
Rabbit anti-Mouse IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1036	2 mg

## Anti-Mouse - Unconjugated

Antibody name/Product name	Product number	Unit size
Donkey anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 1255	2 mg
Goat anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 811	2 mg
Chicken anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 818	2 mg
Donkey anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 1255	2 mg
Goat anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 811	2 mg
Chicken anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 818	2 mg
Rabbit anti-Mouse IgG (H&L), Affinity purified, Unconjugated	AS10 820	2 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated	AS10 1163	1 mg
Goat anti-Mouse IgG Fc (heavy chain), Affinity purified, Unconjugated	AS10 988	2 mg
Goat anti-Mouse IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1288	2 mg
Goat anti-Mouse IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1423	2 mg
Donkey anti-Mouse IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1082	2 mg
Goat anti-Mouse IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1205	2 mg
Goat anti-Mouse IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1191	2 mg
Goat anti-Mouse IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated, Pre-adsorbed*	AS10 961	1 mg
Rabbit anti-Mouse IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1113	2 mg



# Anti-Rabbit

## Anti-Rabbit - DyLight®

Antibody name/Product name	Product number	Unit size
Chicken anti-Rabbit IgG (H&L), DyLight®350 conjugated	AS12 2564	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®350 conjugated	AS12 2566	1 mg
Donkey anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated	AS12 2569	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®350 conjugated	AS11 1812	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated	AS12 2575	0.5 mg
Goat anti-Rabbit IgG Fc, DyLight®350 conjugated	AS12 2577	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®350 conjugated	AS12 2579	1 mg
Goat anti-Rabbit IgG Fc, DyLight®350 conjugated, Pre-adsorbed*	AS12 2578	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2568	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2574	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2571	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2576	0.5 mg
Donkey anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2567	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2565	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2572	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2573	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®488 conjugated	AS10 831	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®488 conjugated	AS10 843	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®488 conjugated	AS09 633	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®488 conjugated	AS10 1540	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1165	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1216	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS09 634	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1079	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 837	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1470	1 mg
Donkey anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®550 Conjugate	AS12 1963	0.5 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®550 Conjugate	AS12 1967	0.5 mg
Chicken anti-Rabbit IgG (H&L), DyLight®550 conjugated	AS12 1958	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®550 conjugated	AS12 1960	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®550 conjugated	AS11 1814	1 mg
Goat anti-Rabbit IgG Fc, DyLight®550 conjugated	AS12 1969	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®550 conjugated	AS12 1971	1 mg
Goat anti-Rabbit IgG Fc, DyLight®550 conjugated, Pre-adsorbed*	AS12 1970	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1962	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1964	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS11 1782	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1961	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1959	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1965	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1966	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1968	0.5 mg



**Anti-Rabbit - DyLight®**

Antibody name/Product name	Product number	Unit size
Donkey anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®594 Conjugate	AS12 2077	0.5 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®594 Conjugate	AS12 2082	0.5 mg
Chicken anti-Rabbit IgG (H&L), DyLight®594 conjugated	AS12 2072	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®594 conjugated	AS12 2074	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®594 conjugated	AS11 1815	
Goat anti-Rabbit IgG Fc, DyLight®594 conjugated	AS12 2084	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®594 conjugated	AS12 2086	1 mg
Goat anti-Rabbit IgG Fc, DyLight®594 conjugated, Pre-adsorbed*	AS12 2085	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2076	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2081	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2078	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2083	0.5 mg
Donkey anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2075	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2073	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2079	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2080	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®633 conjugated	AS12 2204	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®633 conjugated	AS12 2206	1 mg
Donkey anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated	AS12 2208	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®633 conjugated	AS11 1816	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated	AS12 2213	0.5 mg
Goat anti-Rabbit IgG Fc, DyLight®633 conjugated	AS12 2215	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®633 conjugated	AS12 2217	1 mg
Goat anti-Rabbit IgG Fc, DyLight®633 conjugated, Pre-adsorbed*	AS12 2216	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2212	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2209	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2214	0.5 mg
Donkey anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2207	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2205	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2210	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2211	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2034	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®650 conjugated	AS12 2325	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®650 conjugated	AS12 2327	1 mg
Donkey anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated	AS12 2330	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®650 conjugated	AS12 2331	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated	AS12 2336	0.5 mg
Goat anti-Rabbit IgG Fc, DyLight®650 conjugated	AS12 2338	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®650 conjugated	AS12 2340	1 mg
Goat anti-Rabbit IgG Fc, DyLight®650 conjugated, Pre-adsorbed*	AS12 2339	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2329	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2335	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2332	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2337	0.5 mg



## Anti-Rabbit - DyLight®

Antibody name/Product name	Product number	Unit size
Donkey anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2328	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2326	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2333	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2334	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®800 conjugated	AS12 2450	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®800 conjugated	AS12 2452	1 mg
Donkey anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated	AS12 2455	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®800 conjugated	AS12 2456	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated	AS12 2461	0.5 mg
Goat anti-Rabbit IgG Fc, DyLight®800 conjugated	AS12 2463	1 mg
Sheep anti-Rabbit IgG (H&L), DyLight®800 conjugated	AS12 2465	1 mg
Goat anti-Rabbit IgG Fc, DyLight®800 conjugated, Pre-adsorbed*	AS12 2464	1 mg
Donkey anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2454	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2460	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2457	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2462	0.5 mg
Donkey anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2453	1 mg
Chicken anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2451	0.5 mg
Goat anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2458	1 mg
Goat anti-Rabbit IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2459	1 mg

## Anti-Rabbit - HRP

Antibody name/Product name	Product number	Unit size
Donkey anti-Rabbit IgG (H&L), HRP conjugated	AS10 845	1 mg
Goat anti-Rabbit IgG (H&L), HRP conjugated	AS09 602	1 mg
Goat anti-Rabbit IgG Fc, HRP conjugated	AS10 858	1 mg
Sheep anti-Rabbit IgG (H&L), HRP conjugated	AS10 1538	1 mg
Chicken anti-Rabbit IgG (H&L), HRP conjugated	AS10 833	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, HRP conjugated	AS10 852	0.5 mg
Donkey anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1008	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, HRP conjugated, Pre-adsorbed*	AS10 1146	0.5 mg
Goat anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 667	2 mg
Goat anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1461	1 mg
Chicken anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 839	0.5 mg
Goat anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1468	1 mg
Donkey anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1014	1 mg
Goat anti-Rabbit IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 668	1 mg

## Anti-Rabbit - ALP

Antibody name/Product name	Product number	Unit size
Sheep anti-Rabbit IgG (H&L), ALP (alkaline phosphatase) conjugated	AS10 1535	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, ALP conjugated, Pre-adsorbed*	AS10 1017	0.5 mg
Chicken anti-Rabbit IgG (H&L), ALP conjugated	AS10 829	1 mg
Donkey anti-Rabbit IgG (H&L), ALP conjugated	AS10 841	1 mg
Goat anti-Rabbit IgG (H&L), ALP conjugated	AS09 607	1 mg



## Anti-Rabbit - ALP

Antibody name/Product name	Product number	Unit size
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, ALP conjugated	AS10 848	0.5 mg
Goat anti-Rabbit IgG Fc, ALP conjugated	AS10 854	1 mg
Donkey anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1127	1 mg
Goat anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1086	1 mg
Goat anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1272	1 mg
Goat anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1458	1 mg
Chicken anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 835	0.5 mg
Goat anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1465	1 mg
Donkey anti-Rabbit IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1109	1 mg

## Anti-Rabbit - Biotinylated

Antibody name/Product name	Product number	Unit size
Chicken anti-Rabbit IgG (H&L), Biotin conjugated	AS10 830	1 mg
Sheep anti-Rabbit IgG (H&L), Biotin conjugated	AS10 1536	2 mg
Donkey anti-Rabbit IgG (H&L), Biotin conjugated	AS10 842	2 mg
Goat anti-Rabbit IgG (H&L), Biotin conjugated	AS09 608	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, Biotin conjugated	AS10 849	0.5 mg
Goat anti-Rabbit IgG Fc, Biotin conjugated	AS10 855	2 mg
Donkey anti-Rabbit IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1083	2 mg
Goat anti-Rabbit IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1055	1 mg
Goat anti-Rabbit IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1204	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, Biotin conjugated, Pre-adsorbed*	AS10 1153	0.5 mg
Goat anti-Rabbit IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1459	2 mg
Chicken anti-Rabbit IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 836	0.5 mg
Goat anti-Rabbit IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1466	2 mg

## Anti-Rabbit - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Chicken anti-Rabbit IgG (H&L), FITC conjugated	AS10 1031	1 mg
Sheep anti-Rabbit IgG (H&L), FITC conjugated	AS10 1537	2 mg
Donkey anti-Rabbit IgG (H&L), FITC conjugated	AS10 1299	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, FITC conjugated	AS10 1011	0.5 mg
Goat anti-Rabbit IgG (H&L), FITC conjugated	AS10 1176	2 mg
Goat anti-Rabbit IgG Fc, FITC conjugated	AS10 1230	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, FITC conjugated, Pre-adsorbed*	AS10 1042	0.5 mg
Donkey anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1168	2 mg
Goat anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1121	1 mg
Goat anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1030	2 mg
Goat anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1460	2 mg
Chicken anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1142	0.5 mg
Goat anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1467	2 mg
Donkey anti-Rabbit IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1047	2 mg
Donkey anti-Rabbit IgG (H&L), TRITC conjugated	AS10 1269	2 mg
Sheep anti-Rabbit IgG (H&L), TRITC conjugated	AS10 1539	1 mg
Chicken anti-Rabbit IgG (H&L), TRITC conjugated	AS10 1063	1 mg



## Anti-Rabbit - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, TRITC conjugated	AS10 1018	0.5 mg
Goat anti-Rabbit IgG (H&L), TRITC conjugated	AS10 1196	1 mg
Donkey anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1019	1 mg
Goat anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 966	1 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, TRITC conjugated, Pre-adsorbed*	AS10 1059	0.5 mg
Goat anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1229	1 mg
Goat anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1462	2 mg
Chicken anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1267	0.5 mg
Goat anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1469	2 mg
Donkey anti-Rabbit IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1144	2 mg
Goat anti-Rabbit IgG Fc, TRITC conjugated, Pre-adsorbed*	AS10 1067	1 mg

## Anti-Rabbit - Unconjugated

Antibody name/Product name	Product number	Unit size
Chicken anti-Rabbit IgG (H&L), Affinity purified, Unconjugated	AS10 828	2 mg
Donkey anti-Rabbit IgG (H&L), Affinity purified, Unconjugated	AS10 840	2 mg
Goat anti-Rabbit IgG (H&L), Affinity purified, Unconjugated	AS10 665	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, Unconjugated	AS10 846	1 mg
Goat anti-Rabbit IgG Fc, Affinity purified, Unconjugated	AS10 853	2 mg
Sheep anti-Rabbit IgG (H&L), Affinity purified, Unconjugated	AS10 1534	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated	AS10 1232	1 mg
Donkey anti-Rabbit IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1119	2 mg
Goat anti-Rabbit IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated, Pre-adsorbed*	AS10 982	1 mg
Goat anti-Rabbit IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1233	2 mg
Goat anti-Rabbit IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1457	2 mg
Chicken anti-Rabbit IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 834	1 mg
Goat anti-Rabbit IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1464	2 mg
Donkey anti-Rabbit IgG (H&L), Unconjugated, Pre-adsorbed*	AS10 1264	2 mg

## Anti-Rat

### Anti-Rat - DyLight®

Antibody name/Product name	Product number	Unit size
Chicken anti-Rat IgG (H&L), DyLight®350 conjugated	AS12 2583	1 mg
Donkey anti-Rat IgG (H&L), DyLight®350 conjugated	AS12 2585	1 mg
Goat anti-Rat IgG (H&L), DyLight®350 conjugated	AS12 2588	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®350 conjugated	AS12 2592	1 mg
Donkey anti-Rat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2586	1 mg
Donkey anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2587	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2584	0.5 mg
Rabbit anti-Rat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2593	1 mg
Goat anti-Rat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2589	1 mg



**Anti-Rat - DyLight®**

Antibody name/Product name	Product number	Unit size
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated, Pre-adsorbed*	AS12 2591	0.5 mg
Goat anti-Rat IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2590	1 mg
Chicken anti-Rat IgG (H&L), DyLight®488 conjugated	AS10 1130	1 mg
Donkey anti-Rat IgG (H&L), DyLight®488 conjugated	AS10 949	1 mg
Goat anti-Rat IgG (H&L), DyLight®488 conjugated	AS09 638	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®488 conjugated	AS10 1526	1 mg
Donkey anti-Rat IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 945	1 mg
Goat anti-Rat IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS09 639	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®488 conjugated, Pre-adsorbed*	AS10 1217	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®550 conjugated	AS12 1972	1 mg
Donkey anti-Rat IgG (H&L), DyLight®550 conjugated	AS12 1974	1 mg
Goat anti-Rat IgG (H&L), DyLight®550 conjugated	AS12 1977	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®550 conjugated	AS12 1981	1 mg
Donkey anti-Rat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1975	1 mg
Donkey anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1976	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1973	0.5 mg
Rabbit anti-Rat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1982	1 mg
Goat anti-Rat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1978	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated, Pre-adsorbed*	AS12 1980	0.5 mg
Goat anti-Rat IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1979	1 mg
Chicken anti-Rat IgG (H&L), DyLight®594 conjugated	AS12 2087	1 mg
Donkey anti-Rat IgG (H&L), DyLight®594 conjugated	AS12 2089	1 mg
Goat anti-Rat IgG (H&L), DyLight®594 conjugated	AS12 2092	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®594 conjugated	AS12 2096	1 mg
Donkey anti-Rat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2090	1 mg
Donkey anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2091	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2088	0.5 mg
Rabbit anti-Rat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2097	1 mg
Goat anti-Rat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2093	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®594 conjugated, Pre-adsorbed*	AS12 2095	0.5 mg
Goat anti-Rat IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2094	1 mg
Chicken anti-Rat IgG (H&L), DyLight®633 conjugated	AS12 2218	1 mg
Donkey anti-Rat IgG (H&L), DyLight®633 conjugated	AS12 2236	1 mg
Goat anti-Rat IgG (H&L), DyLight®633 conjugated	AS12 2239	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®633 conjugated	AS12 2243	1 mg
Donkey anti-Rat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2237	1 mg
Donkey anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2238	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2219	0.5 mg
Rabbit anti-Rat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2244	1 mg
Goat anti-Rat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2240	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated, Pre-adsorbed*	AS12 2242	0.5 mg
Goat anti-Rat IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2241	1 mg
Chicken anti-Rat IgG (H&L), DyLight®650 conjugated	AS12 2341	1 mg
Donkey anti-Rat IgG (H&L), DyLight®650 conjugated	AS12 2343	1 mg



## Anti-Rat - DyLight®

Antibody name/Product name	Product number	Unit size
Goat anti-Rat IgG (H&L), DyLight®650 conjugated	AS12 2346	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®650 conjugated	AS12 2350	1 mg
Donkey anti-Rat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2344	1 mg
Donkey anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2345	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2342	0.5 mg
Rabbit anti-Rat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2351	1 mg
Goat anti-Rat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2347	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated, Pre-adsorbed*	AS12 2349	0.5 mg
Goat anti-Rat IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2348	1 mg
Chicken anti-Rat IgG (H&L), DyLight®800 conjugated	AS12 2466	1 mg
Donkey anti-Rat IgG (H&L), DyLight®800 conjugated	AS12 2468	1 mg
Goat anti-Rat IgG (H&L), DyLight®800 conjugated	AS12 2471	1 mg
Rabbit anti-Rat IgG (H&L), DyLight®800 conjugated	AS12 2475	1 mg
Donkey anti-Rat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2469	1 mg
Donkey anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2470	0.5 mg
Chicken anti-Rat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2467	0.5 mg
Rabbit anti-Rat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2476	1 mg
Goat anti-Rat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2472	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated, Pre-adsorbed*	AS12 2474	0.5 mg
Goat anti-Rat IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2473	1 mg

## Anti-Rat - HRP

Antibody name/Product name	Product number	Unit size
Chicken anti-Rat IgG (H&L), HRP conjugated	AS10 1224	1 mg
Donkey anti-Rat IgG (H&L), HRP conjugated	AS10 947	1 mg
Goat anti-Rat IgG (H&L), HRP conjugated	AS10 1187	1 mg
Rabbit anti-Rat IgG (H&L), HRP conjugated	AS10 1524	1 mg
Donkey anti-Rat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1115	1 mg
Rabbit anti-Rat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1531	1 mg
Goat anti-Rat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1094	1 mg
Goat anti-Rat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS09 618	1 mg
Chicken anti-Rat IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1107	0.5 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, HRP conjugated, Pre-adsorbed*	AS10 1145	0.5 mg

## Anti-Rat - ALP

Antibody name/Product name	Product number	Unit size
Rabbit anti-Rat IgG (H&L), ALP conjugated	AS10 1521	0.5 mg
Chicken anti-Rat IgG (H&L), ALP conjugated	AS10 1170	1 mg
Donkey anti-Rat IgG (H&L), ALP conjugated	AS10 1007	1 mg
Goat anti-Rat IgG (H&L), ALP conjugated	AS09 620	1 mg
Donkey anti-Rat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1016	1 mg
Rabbit anti-Rat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1528	0.5 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, ALP conjugated, Pre-adsorbed*	AS10 1206	0.5 mg
Goat anti-Rat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1075	1 mg
Chicken anti-Rat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1278	0.5 mg
Goat anti-Rat IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 663	1 mg



## Anti-Rat - Biotinylated

Antibody name/Product name	Product number	Unit size
Rabbit anti-Rat IgG (H&L), Biotin conjugated	AS10 1522	1 mg
Chicken anti-Rat IgG (H&L), Biotin conjugated	AS10 1194	1 mg
Donkey anti-Rat IgG (H&L), Biotin conjugated	AS10 1258	2 mg
Goat anti-Rat IgG (H&L), Biotin conjugated	AS10 1210	2 mg
Donkey anti-Rat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1093	1 mg
Rabbit anti-Rat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1529	1 mg
Goat anti-Rat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS09 619	2 mg
Goat anti-Rat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1211	2 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, Biotin conjugated, Pre-adsorbed*	AS10 1023	0.5 mg
Chicken anti-Rat IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1283	0.5 mg

## Anti-Rat - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Rabbit anti-Rat IgG (H&L), FITC conjugated	AS10 1523	1 mg
Chicken anti-Rat IgG (H&L), FITC conjugated	AS10 1186	1 mg
Donkey anti-Rat IgG (H&L), FITC conjugated	AS10 1138	2 mg
Goat anti-Rat IgG (H&L), FITC conjugated	AS10 1136	2 mg
Donkey anti-Rat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1282	1 mg
Rabbit anti-Rat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1530	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, FITC conjugated, Pre-adsorbed*	AS10 1234	0.5 mg
Chicken anti-Rat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1012	0.5 mg
Goat anti-Rat IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1040	2 mg
Rabbit anti-Rat IgG (H&L), TRITC conjugated	AS10 1525	1 mg
Chicken anti-Rat IgG (H&L), TRITC conjugated	AS10 1219	1 mg
Donkey anti-Rat IgG (H&L), TRITC conjugated	AS10 1102	2 mg
Goat anti-Rat IgG (H&L), TRITC conjugated	AS10 1266	1 mg
Donkey anti-Rat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1178	1 mg
Rabbit anti-Rat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1532	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, TRITC conjugated, Pre-adsorbed*	AS10 1088	0.5 mg
Goat anti-Rat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1152	1 mg
Chicken anti-Rat IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 940	0.5 mg

## Anti-Rat - Unconjugated

Antibody name/Product name	Product number	Unit size
Chicken anti-Rat IgG (H&L), Affinity purified, Unconjugated	AS10 1231	2 mg
Rabbit anti-Rat IgG (H&L), Affinity purified, Unconjugated	AS10 1520	1 mg
Donkey anti-Rat IgG (H&L), Affinity purified, Unconjugated	AS10 1218	2 mg
Goat anti-Rat IgG (H&L), Affinity purified, Unconjugated	AS10 1132	2 mg
Donkey anti-Rat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1214	2 mg
Rabbit anti-Rat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1527	1 mg
Goat anti-Rat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1022	2 mg
Goat anti-Rat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1108	1 mg
Goat anti-Rat IgG (H&L), F(ab)'2 fragment, Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1215	1 mg
Chicken anti-Rat IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1028	1 mg



# Anti-Sheep

## Anti-Sheep - DyLight®

Antibody name/Product name	Product number	Unit size
Donkey anti-Sheep IgG (H&L), DyLight®350 conjugated	AS12 2594	1 mg
Donkey anti-Sheep IgG (H&L), F(ab)'2 fragment, DyLight®350 conjugated	AS12 2597	0.5 mg
Donkey anti-Sheep IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2595	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®350 conjugated, Pre-adsorbed*	AS12 2596	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®488 conjugated	AS09 631	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS09 636	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®488 conjugated, Pre-adsorbed*	AS10 1257	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®550 conjugated	AS12 1983	1 mg
Donkey anti-Sheep IgG (H&L), F(ab)'2 fragment, DyLight®550 conjugated	AS12 1986	0.5 mg
Donkey anti-Sheep IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1984	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®550 conjugated, Pre-adsorbed*	AS12 1985	1 mg
Donkey anti-Sheep IgG (H&L), F(ab)'2 fragment, DyLight®594 Conjugate	AS12 2101	0.5 mg
Donkey anti-Sheep IgG (H&L), DyLight®594 conjugated	AS12 2098	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2099	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®594 conjugated, Pre-adsorbed*	AS12 2100	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®633 conjugated	AS12 2245	1 mg
Donkey anti-Sheep IgG (H&L), F(ab)'2 fragment, DyLight®633 conjugated	AS12 2248	0.5 mg
Donkey anti-Sheep IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2246	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®633 conjugated, Pre-adsorbed*	AS12 2247	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®650 conjugated	AS12 2352	1 mg
Donkey anti-Sheep IgG (H&L), F(ab)'2 fragment, DyLight®650 conjugated	AS12 2355	0.5 mg
Donkey anti-Sheep IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2353	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®650 conjugated, Pre-adsorbed*	AS12 2354	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®800 conjugated	AS12 2477	1 mg
Donkey anti-Sheep IgG (H&L), F(ab)'2 fragment, DyLight®800 conjugated	AS12 2480	0.5 mg
Donkey anti-Sheep IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2478	1 mg
Donkey anti-Sheep IgG (H&L), DyLight®800 conjugated, Pre-adsorbed*	AS12 2479	1 mg

## Anti-Sheep - HRP

Antibody name/Product name	Product number	Unit size
Donkey anti-Sheep IgG (H&L), HRP conjugated	AS09 604	2 mg
Donkey anti-Sheep IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 992	1 mg
Donkey anti-Sheep IgG (H&L), HRP conjugated, Pre-adsorbed*	AS10 1160	1 mg

## Anti-Sheep - ALP

Antibody name/Product name	Product number	Unit size
Donkey anti-Sheep IgG (H&L), ALP conjugated	AS09 628	1 mg
Donkey anti-Sheep IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1179	1 mg
Donkey anti-Sheep IgG (H&L), ALP conjugated, Pre-adsorbed*	AS10 1195	1 mg

## Anti-Sheep - Biotinylated

Antibody name/Product name	Product number	Unit size
Donkey anti-Sheep IgG (H&L), Biotin conjugated	AS09 611	2 mg
Donkey anti-Sheep IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 956	1 mg
Donkey anti-Sheep IgG (H&L), Biotin conjugated, Pre-adsorbed*	AS10 1147	2 mg



## Anti-Sheep - FITC, TRITC

Antibody name/Product name	Product number	Unit size
Donkey anti-Sheep IgG (H&L), FITC conjugated	AS10 1171	2 mg
Donkey anti-Sheep IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1024	1 mg
Donkey anti-Sheep IgG (H&L), FITC conjugated, Pre-adsorbed*	AS10 1148	2 mg
Donkey anti-Sheep IgG (H&L), TRITC conjugated	AS10 1098	2 mg
Donkey anti-Sheep IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1134	1 mg
Donkey anti-Sheep IgG (H&L), TRITC conjugated, Pre-adsorbed*	AS10 1226	2 mg

## Anti-Sheep - Unconjugated

Antibody name/Product name	Product number	Unit size
Donkey anti-Sheep IgG (H&L), Affinity purified, Unconjugated	AS10 1000	2 mg
Donkey anti-Sheep IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1292	2 mg
Donkey anti-Sheep IgG (H&L), Affinity purified, Unconjugated, Pre-adsorbed*	AS10 1293	2 mg

## Blocking / control

### Blocking / control

Antibody name/Product name	Product number	Unit size
Bovine IgG fraction	AS10 859	10 mg
Bovine purified IgG (10 mg)	AS10 860	10 mg
Bovine normal serum (2 ml)	AS10 1553	2 ml
Chicken normal serum (unspecified gender) (2 ml)	AS10 1555	2 ml
Goat Ig fraction	AS10 874	10 mg
Goat purified IgG (10 mg)	AS10 875	10 mg
Goat normal serum (2 ml)	AS10 1547	2 ml
Guinea pig Ig fraction	AS10 870	10 mg
Guinea pig purified IgG (5 mg)	AS10 871	5 mg
Hamster IgG fraction	AS10 878	10 mg
Hamster purified IgG (10 mg)	AS10 879	10 mg
Horse normal serum (2 ml)	AS10 1561	2 ml
Llama Ig fraction (10 mg)	AS12 2626	10 mg
Mouse Ig fraction	AS10 911	10 mg
Mouse purified IgG (10 mg)	AS10 912	10 mg
Mouse normal serum (2 ml)	AS10 1543	2 ml
Pig purified IgG (10 mg)	AS12 2627	10 mg
Pig (Swine) normal serum (2 ml)	AS10 1565	2 ml
Rabbit Ig fraction	AS10 915	10 mg
Rabbit purified IgG (10 mg)	AS10 916	10 mg
Rabbit normal serum (2 ml)	AS10 1545	2 ml
Rat purified IgG (5 mg)	AS10 924	5 mg
Rat normal serum (2 ml)	AS10 1551	2 ml
Sheep Ig fraction	AS10 927	10 mg
Sheep purified IgG (10 mg)	AS10 928	10 mg
Sheep normal serum (2 ml)	AS10 1549	2 ml



**\*Pre-adsorbed**

Various cross-reacting antibodies have been removed for this product. For a full description, please refer to Agrisera website.

**\*\*Under development**

This product is currently being tested by at least 2 independent laboratories before we make it available.

For information about the current state of validation, E-mail: support@agrisera.com

**For the latest information and pricing, please visit our website: [www.agrisera.com](http://www.agrisera.com)  
or contact us: [orders@agrisera.com](mailto:orders@agrisera.com)**

**Appendix - applications**

<u>Antibody Column</u>	<u>AC</u>	<u>ImmunoLocalization</u>	<u>IL</u>
<u>Blue Native PAGE</u>	<u>BN-PAGE</u>	<u>ImmunoPrecipitation</u>	<u>IP</u>
<u>Dot blot</u>	<u>Dot</u>	<u>Immunosensor Detection</u>	<u>ID</u>
<u>Enzyme-Linked Immunosorbent Assay</u>	<u>ELISA</u>	<u>Immuno-spin Trapping</u>	<u>IT</u>
<u>Flow cytometry</u>	<u>FACS</u>	<u>indirect ELISA</u>	<u>i-ELISA</u>
<u>ImmunoAffinity Chromatography</u>	<u>IAC</u>	<u>Neutralization Assay</u>	<u>NeA</u>
<u>ImmunoCytoChemistry</u>	<u>ICC</u>	<u>RadioImmunoAssay</u>	<u>RIA</u>
<u>ImmunoFluorescence</u>	<u>IF</u>	<u>Tissue Printing</u>	<u>TP</u>
<u>ImmunoGold</u>	<u>IG</u>	<u>Western Blot</u>	<u>WB</u>
<u>ImmunoHistoChemistry</u>	<u>IHC</u>		

**Appendix - conjugation**

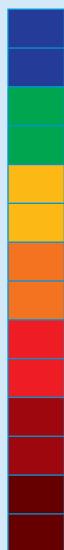
**ALP** - alkaline phosphatase conjugated

**HRP** - horseradish peroxidase conjugated

**FITC** - fluorescein-5-isothiocyanate conjugated

**TRITC** - tetramethylrhodamine-5-isothiocyanate

**DyLight®** - Fluorescent conjugates for western blot and immunolocalization studies



**DyLight® 350** has Amax = 353 nm, Emax = 432 nm.

**DyLight® 488** has Amax = 493 nm, Emax = 518 nm.

**DyLight® 550** has Amax = 593 nm, Emax = 618 nm.

**DyLight® 633** has Amax = 638 nm, Emax = 658 nm.

**DyLight® 594** has Amax = 593 nm, Emax = 618 nm.

**DyLight® 650** has Amax = 652 nm, Emax = 672 nm.

**DyLight® 800** has Amax = 777 nm, Emax = 794 nm.



# CUSTOM ANTIBODIES

**Is the antibody you need not in our catalogue?**

Contact us and we will help you make an antibody according to your needs and requirements. You will always receive personal guidance from one of our specialists.

-Agrisera team

## Agrisera custom services

- Antigen design
- Recombinant protein expression
- Peptide synthesis
- Monoclonal antibody production
- Polyclonal antibody production
- Antibody purification
- Antibody labelling
- Technical support

## Contact us



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Cathrine



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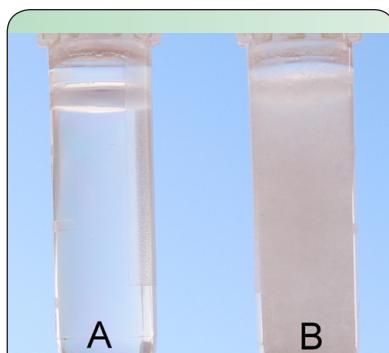
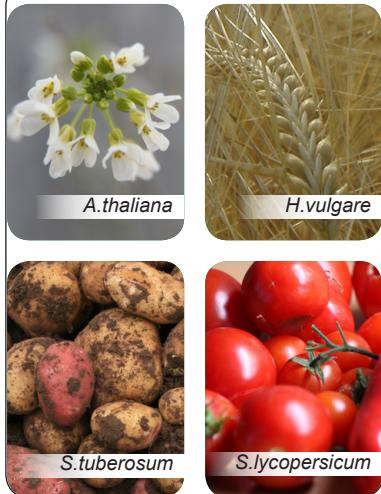
Agrisera AB, Box 57, 911 21 Vännäs, Sweden | [www.agrisera.com](http://www.agrisera.com) | [orders@agrisera.com](mailto:orders@agrisera.com)  
Ph: +46 935 33000, Fax: +46 935 33044

# Agrisera<sup>®</sup>

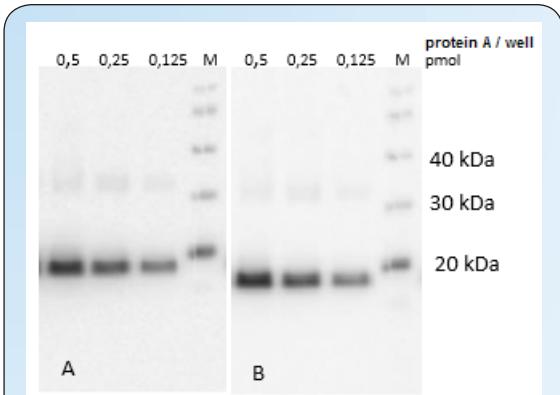
## Products



### Antibodies to model species

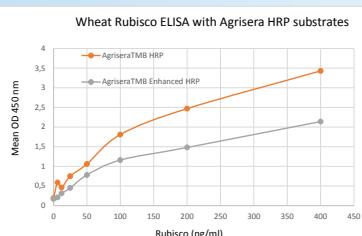
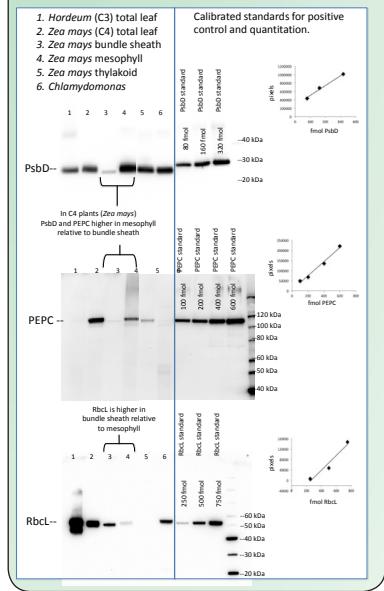


A - Agrisera PEB - protein extraction buffer  
B - SDS containing protein extraction buffer



**Tissue Markers** - Fractionation of *Zea mays* (corn) leaf into mesophyll and bundle-sheath cells, followed by detection of photosystem II and carbon fixation proteins illustrates metabolic specialization of C4 plants.

- Expression of PsbD and PEP carboxylase (mesophyll) and Rubisco (bundle sheath) shown by quantitative western blots.
- *Hordeum vulgare* (lane 1) for comparison of C3 to a C3 plant, show low PEPc and high Rubisco levels in the C3.
- *Chlamydomonas* (lane 6) for comparison to algae.



#### AgriseraTMB HRP Peroxidase Microwell Substrate:

- high sensitivity & low background
- highly stable for 3 years when refrigerated or 7 months at room temperature

#### Agrisera TMB Enhanced HRP Peroxidase Microwell Substrate:

- high activity substrate in optimized buffer system
- highly stable for 3 years when refrigerated or 1 year at room temperature

#### Both substrates share the following specifications:

- high lot to lot consistency
- 100 ml or 1L packs
- ready to use formulation
- no solvents included
- aqueous based
- reaction can be terminated by acid or compatible Agrisera BlueStop (reading at 620 and 650 nm) or YellowStop (reading at 450 nm)

**AgriseraECL Bright (A) Western Blot** substrate for chemiluminescence detection of proteins in comparison with a competitor (B). Both blots were made under the same conditions. Exposure time was 54 sec.

