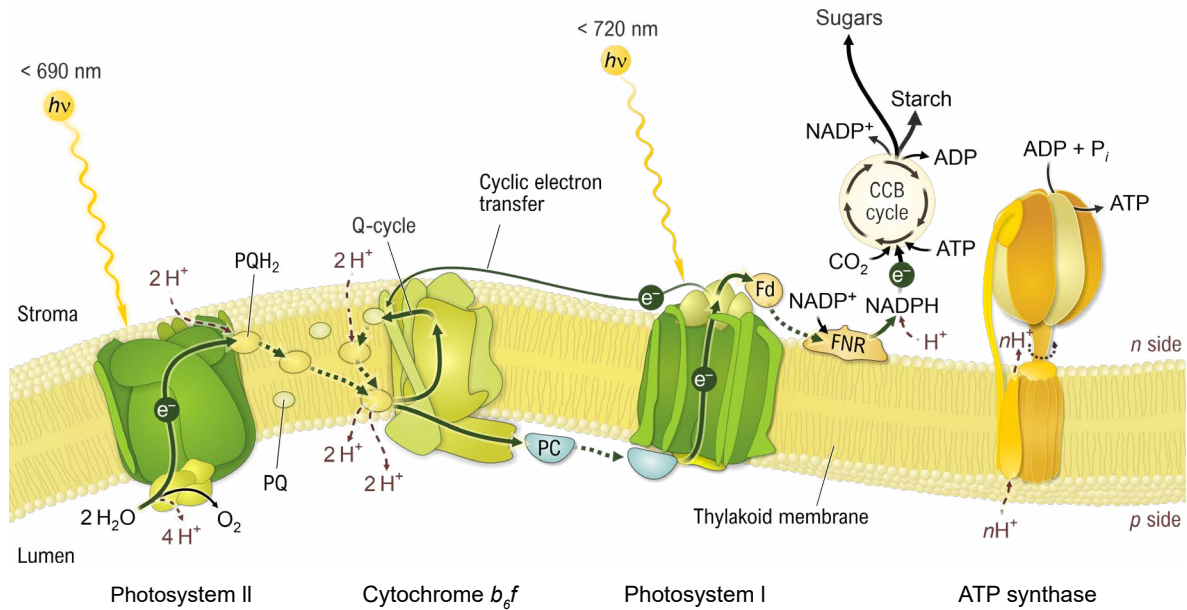


Antibodies for Photosynthesis

- ✓ The most comprehensive collection on the market
- ✓ Available off-the-shelf today
- ✓ Antibodies for thousands of plant and algal species
- ✓ Supported by a strong publication record



All photosynthesis graphics in this poster designed by @SciGrafik

The Plant Science Antibody Supplier of the Year

In 2019 Agrisera was awarded with a brand new award, The Plant Science Antibody Supplier of the Year by CiteAb, for being the company with the most antibody citations for research related to plant science during the preceding year.



The most published Rubisco antibody on the market

- ✓ Reactivity to thousands of species
- ✓ Validated in WB, IL, IF, IG and tissue printing
- ✓ Available off-the shelf today

Rbcl | Rubisco large subunit, form I

Product #: AS03 037

Agrisera's most popular photosynthetic antibodies

Photosynthetic tool kit

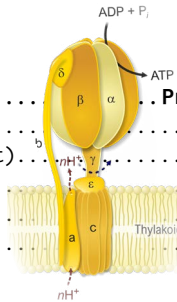
Product #:AS04 051

This kit allows quantitation of major photosynthetic proteins like Rubisco, PsaC and PsbA, as well as determination of PSI/PSII ratios by Western blotting. Antibodies and protein standards included in the kit are listed below.

Product name.....	Product number	Applications
Rbcl Rubisco large subunit, form I.....	AS03 037	IF, IG, TP, WB
Rbcl Rubisco positive control/quantitation standard.....	AS01 017S.....	WB
PsaC PSI-C core subunit of photosystem I	AS10 939	WB
PsaC Positive control/quantitation standard.....	AS04 042S.....	WB
PsbA D1 protein of PSII, C-terminal	AS05 084	WB
PsbA D1 positive control/quantitation standard.....	AS01 016S.....	WB
Goat anti-Rabbit IgG (H&L), HRP conjugated.....	AS09 602	ELISA, IHC, WB

ATP synthase

Product name.....	Product number	Applications
AtpA Alpha subunit of ATP synthase, chloroplastic.....	AS08 304	IP, WB
AtpB Beta subunit of ATP synthase, chloroplastic + mitoch (rabbit).....	AS05 085	BN-PAGE, IF, WB
AtpC Gamma subunit of ATP synthase, chloroplastic.....	AS08 312	WB
AtpD CF1 delta subunit of ATP synthase.....	AS10 1591	WB
AtpH ATP synthase subunit c, chloroplastic.....	AS05 071	WB



Biogenesis/architecture

Product name.....	Product number	Applications
ARC5 Dynamin-like protein ARC5.....	AS13 2676	WB
CURT1A Curvature thylakoid 1A.....	AS08 316	2D BN-PAGE, WB
CURT1B Curvature thylakoid 1B.....	AS19 4289	WB
CURT1C Curvature thylakoid 1C.....	AS19 4287	2D BN-PAGE, WB
PGL35 Plastoglobulin 35; FIB1a; FBN1a.....	AS06 116	ICC, WB
SVR4-like Suppressor of variegation 4 - like.....	AS13 2726	WB

Carotenoid metabolism

Product name.....	Product number	Applications
IPP isomerase Isopentyl pyrophosphate isomerase	AS13 2710	WB
LYC Lycopene beta cyclase (chloroplastic).....	AS13 2709	WB
Ntrc Thioredoxin reductase (TR/TRxR).....	AS06 159	WB

Chaperones/Transport

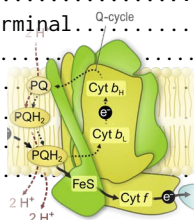
Product name.....	Product number	Applications
LTP Vesicle-inducing protein in plastids (VIPP1).....	AS06 145	WB
Tic40 Inner envelope membrane translocon complex protein (chloroplast).....	AS10 709	IF, WB
Toc34 Chloroplast outer envelope membrane translocon complex protein.....	AS07 238	WB
Toc75 Outer chloroplast membrane translocon complex protein	AS08 292	WB
Toc75 Protein TOC75-3, chloroplastic, POTRA domain 3.....	AS08 351	FACS, IL, WB

Chlorophyll

Product name	Product number	Applications
ACD1 Accelerated cell death 1	AS11 1783	WB
CRD1 Cyanobacterial homolog of plant CHL27 cyclase	AS06 122	WB
GluTR Glutamyl -tRNA reductase	AS10 689	WB
HemH Protoporphyrin ferrochelatase	AS07 228	WB
POR Protochlorophyllide oxidoreductase	AS05 067	WB

Electron transfer

Product name	Product number	Applications
Cyt b6/PetB Thylakoid membrane cytochrome b6 protein, N terminal	AS18 4169	BN-PAGE, WB
Cyt f Cytochrome f protein (PetA) of thylakoid Cyt b6/f-complex	AS20 4377	WB
Fd Ferredoxin 1 (chloroplastic)	AS11 1757	WB
FDX1 Ferredoxin	AS06 121	WB
PC Plastocyanin	AS06 141	IG, WB
PetC Rieske iron-sulfur protein of Cyt b6/f complex	AS08 330	WB



Kinases

Product name	Product number	Applications
STN8 Serine/threonine-protein kinase STN8 (chloroplastic)	AS10 1601	WB
STT7 Serine/threonine-protein kinase STT7 (chloroplastic)	AS15 3080	WB

LHC

Product name	Product number	Applications
Lhca1 PSI type I chlorophyll a/b-binding protein	AS01 005	WB
Lhcb1 LHCII type I chlorophyll a/b-binding protein	AS01 004	WB
Lhcb2 LHCII type II chlorophyll a/b-binding protein	AS01 003	IP, WB
Lhcb3 LHCII type III chlorophyll a/b-binding protein	AS01 002	WB
Lhcb4 CP29 chlorophyll a/b binding protein of plant PSII	AS04 045	WB
LHCSR1	AS14 2819	WB
LHCSR3	AS14 2766	ELISA, WB
Set of 10 plant anti-Lhca and anti-Lhcb antibodies	AS01 011set	WB

Light acclimation

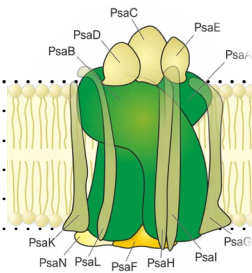
Product name	Product number	Applications
CLhcb1 LHCII type I chlorophyll a/b-binding protein	AS01 004	WB
Lhcb1 LHCII type I chlorophyll a/b-binding protein (<i>Arabidopsis</i> specific)	AS09 522	WB
Lhcb2 LHCII type II chlorophyll a/b-binding protein	AS01 003	IP, WB

Proteases

Product name	Product number	Applications
ClpC Chloroplastic form of HSP100	AS01 001	IHC, IP, WB
Deg1 Chloroplastic DegP-type serine protease 1	AS07 246	WB
Deg2 Chloroplastic DegP-type serine protease 2	AS10 1581	WB
FtsH2 + FtsH8 ATP-dependent zinc metalloprotease FtsH2 + FtsH8 (chloropl.)	AS16 3929	WB
FtsH6 ATP-dependent zinc metalloprotease FtsH6 (chloroplastic)	AS05 094A	WB

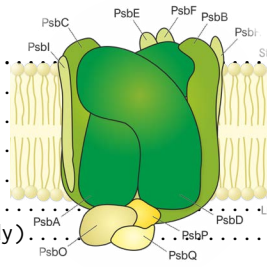
PSI (Photosystem I)

Product name.....	Product number	Applications
PsaA PSI-A core protein of photosystem I.....	AS06 172	IG, WB
PsaB PSI-B core subunit of photosystem I.....	AS10 695	WB
PsaC PSI-C core subunit of photosystem I	AS10 939	WB
PsaD PSI-D subunit of photosystem I.....	AS09 461	IP, WB
PsaF PSI-F subunit of photosystem I.....	AS06 104	WB



PSII (Photosystem II)

Product name.....	Product number	Applications
PsbA D1 protein of PSII, C-terminal	AS05 084	WB
PsbA D1 protein of PSII, C-terminal.....	AS01 016	WB
PsbB CP47 protein of PSII.....	AS04 038	WB
PsbC CP43 protein of PSII.....	AS11 1787	WB
PsbD D2 protein of PSII.....	AS06 146	WB
PsbS 22 kDa Lhc-like PSII protein (rabbit antibody).....	AS09 533	WB



RUBISCO/C metabolism

Product name.....	Product number	Applications
PEPC Phosphoenolpyruvate carboxylase.....	AS09 458	IL, WB
RA Rubisco activase.....	AS10 700	WB
Rbcl Rubisco large subunit, form I	AS03 037	IF, IG, TP, WB
Rbcl Rubisco large subunit, form I (chicken).....	AS01 017	IL, WB
Rbcl II Rubisco large subunit, form II	AS15 2955	WB
RbcS Rubisco small subunit (SSU).....	AS07 259	WB

Sucrose metabolism

Product name.....	Product number	Applications
cFBPase Cytosolic fructose-1,6-bisphosphatase.....	AS04 043	WB
SPS Sucrose phosphate synthase (maize).....	AS06 185	IL, WB
SPS Sucrose phosphate synthase, global.....	AS03 035A	WB
UGPase UDP-glucose pyrophosphorylase (cytoplasm marker).....	AS05 086	IL, WB
UGPase UDP-glucose pyrophosphorylase (cytoplasm marker) (<i>Hordeum vulgare</i>).....	AS14 2813	WB

Photosynthetic posters and schemes

Agrisera offers hard copies of several educational posters related to photosynthesis, as well as images and schemes extracted from the posters for download (including the graphics found in this flyer), free of charge!

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