

Product: Photosynthesis tool kit

Product no: AS04 051

This kit contains:

AS03 037-10	Rabbit Anti-RbcL global antibody
AS10 939-10	Rabbit Anti-PsaC global antibody
AS05 084-10	Rabbit Anti-PsbA global antibody
AS01 016S	PsbA, Protein standard
AS01 017S	RbcL, Protein standard
AS04 042S	PsaC, Protein standard

Please note that the same Global Antibody can be used for detection of the target protein in different species, from cyanobacteria to higher plants.

Product information:

Primary antibodies:

Product no:	Product name:	Quantity:	Recommended Dilution:
AS03 037-10	Rabbit Anti-RbcL Global antibody	Lyophilized. Please, add 10 µl of sterile water for reconstitution of antibodies.	1:5000 for ECL (2 µl for 10ml)
AS10 939-10	Rabbit Anti-PsaC Global antibody		1:5000 for ECL (2 µl for 10ml)
AS05 084-10	Rabbit Anti-PsbA Global antibody		1:5000 for ECL (2 µl for 10ml)

Protein standards/positive control:

Product no:	Product name:	Concentration:	Size:	Western Blot – Positive Control:
AS01 016S	PsbA *	0.25 pmol/ µl	41.5 kDa [#]	To generate a standard curve, 3 loads are suggested (0.5, 1.0 and 3.0 ul). For most applications a sample load of 0.2 ug of chlorophyll will give a PsbA signal in this range. A 3 ul load is optimal for most chemiluminescent detection systems to use as a positive control.
AS01 017S	RbcL *	0.15 pmol/ µl	52.7 kDa	To generate a standard curve, 3 loads are suggested (4, 10 and 20 ul). For most applications a sample load of 0.1 ug of chlorophyll will give a RbcL signal in this range. A 10 ul load is optimal for most chemiluminescent detection systems to use as a positive control.
AS04 042S	PsaC *	0.09 pmol/µl	11.5 kDa [#]	To generate a standard curve, 3 loads are suggested (5, 10 and 15µl). For most applications a sample load of 0.2µg of chlorophyll will give a PsaC signal in this range. A 5 ul load is optimal for most chemiluminescent detection systems as a positive control.

[#] Larger than native protein due to the addition of His-tag.

Quantity, standards: * Lyophilized (1x100 µl) Please add 90 µl of sterile water for reconstitution before use.

Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid or lyophilized material adhering to the cap or sides of the tubes.

Storage instructions: -20°C or -80°C for long Term storage (years). Please, avoid freezing and thawing of antibodies. Make aliquots instead.

Antibodies are intended for the research use only not for diagnostic or therapeutic use.

Product support: inquiry@agrisera.com, <http://www.agrisera.com>

Mailing address: Box 57, S-911 21 Vännäs, Sweden
Phone/Fax: +46 (0)935 33033 / +46 (0)935 33044
Website: www.agrisera.com

International Bank Account Number (IBAN)
SE42 6000 0000 0001 15217258, S.W.I.F.T. address: HANDSES
Bank: Svenska Handelsbanken, S-106 70 Stockholm, Sweden
VAT number: SE556263276901 (Tax identification number)