

Anti-Photosystem II 5 kDa protein, chloroplastic antibody

Catalog: PHY3369S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PSBTN is photosystem II 5 kD protein subunit PSII-T. This is a nuclear-encoded gene (PsbTn) which also has a plastid-encoded paralog (PsbTc).
Synonyms:	PSBTN, PHOTOSYSTEM II SUBUNIT T
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> PSBTN (AT3G21055).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & Storage:	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1: 2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	11 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , and 80-99% homologues with the sequence in

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Gossypium raimondii, *Medicago truncatula*, *Nicotiana tabacum*,
Spinacia oleracea, *Glycine max*.

The sequence of the synthetic peptide used for immunization is 93%
(14 / 15) homologues with the sequence in AT1G51400.

For more species homologues information, please contact tech
support at tech@phytoab.com.