

Anti-Photosystem I P700 chlorophyll a apoprotein A1, N-terminal antibody

Catalog: PHY5590A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PsaA
Synonyms:	PsaA
Immunogen:	KLH-conjugated synthetic peptide (18 aa from N terminal section) derived from <i>Chlamydomonas reinhardtii</i> PsaA (CreCp.g802281_4532)
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150µl of 0.01M sterile PBS. "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:	83 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Solanum tuberosum</i> , <i>Brassica rapa</i> , <i>Medicago truncatula</i> , <i>Vitis vinifera</i> , <i>Spinacia oleracea</i> , <i>Arabidopsis thaliana</i> , <i>Populus trichocarpa</i> , <i>Cucumis sativus</i> , <i>Brassica napus</i> , <i>Gossypium raimondii</i> , <i>Solanum lycopersicum</i> , <i>Nicotiana tabacum</i> , and 80-99% homologues with the

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sequence in *Synechococcus elongatus*, *Physcomitrium patens*,
Oryza sativa, *Zea mays*, *Panicum virgatum*, *Sorghum bicolor*, *Setaria*
viridis, *Triticum aestivum*, *Glycine max*, *Hordeum vulgare*,
Synechocystis sp. PCC 6803.

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