

Anti-Photosystem I P700 chlorophyll a apoprotein A2 antibody

Catalog: PHY5591A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PsaB
Synonyms:	PsaB
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Chlamydomonas reinhardtii</i> PsaB (CreCp.g802312_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:	82 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , <i>Medicago truncatula</i> , <i>Solanum tuberosum</i> , <i>Arabidopsis thaliana</i> , <i>Oryza sativa</i> , <i>Zea mays</i> , <i>Brassica napus</i> , <i>Sorghum bicolor</i> , <i>Vitis vinifera</i> , <i>Triticum aestivum</i> , <i>Populus trichocarpa</i> , <i>Setaria viridis</i> , <i>Spinacia oleracea</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Panicum</i>

Research Use Only

virgatum, *Solanum lycopersicum*, *Nicotiana tabacum*, *Cucumis sativus*, *Gossypium raimondii*, *Synechocystis* sp. PCC 6803, and 80-99% homologues with the sequence in *Physcomitrella patens*. For more species homologues information, please contact tech support at tech@phytoab.com.