

Anti-PsaF subunit of Photosystem I antibody

Catalog: PHY2767S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PsaF participates in efficiency of electron transfer from plastocyanin to P700 (or cytochrome c553 in algae and cyanobacteria).
Synonyms:	PsaF, PHOTOSYSTEM I SUBUNIT F, PSAF
Immunogen:	KLH-conjugated synthetic peptide (14 aa from Central section) derived from <i>Arabidopsis thaliana</i> PsaF (AT1G31330).
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 (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected/apparent MW:	24 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>Brassica napus</i> , <i>Medicago truncatula</i> , and 80-99% homologues with the sequence in <i>Oryza sativa</i> , <i>Hordeum vulgare</i> , <i>Triticum</i>

Research Use Only

aestivum, Spinacia oleracea, Solanum tuberosum, Setaria viridis, Nicotiana tabacum, Solanum lycopersicum, Populus trichocarpa, Hordeum vulgare, Cucumis sativus, Glycine max, Gossypium raimondii, Nicotiana tabacum, Zea mays.

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