Anti-PsaG subunit of photosystem I, C-terminal antibody

Catalog: PHY0647S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PsaG is an 11-kDa membrane protein; it plays an important role in electron transport between plastocyanin and PSI and is involved in the stability of the PSI complex.
Synonyms:	PsaG, PHOTOSYSTEM I SUBUNIT G, PSAG
Immunogen:	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from *Arabidopsis thaliana* PsaG (AT1G55670).
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℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:4000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	17 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Medicago truncatula*, *Solanum tuberosum*,

Solanum lycopersicum, and 80-99% homologues with the sequence in *Vitis vinifera*, *Nicotiana tabacum*, *Spinacia oleracea*, *Glycine max*, *Zea mays*, *Sorghum bicolor*, Panicum virgatum, *Setaria viridis*, *Triticum aestivum*, *Hordeum vulgare*, *Cucumis sativus*, *Gossypium raimondii*.

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