Anti-Cyclophilin 38 antibody

Catalog: PHY0211S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CYP38 (AT3G01480) is a thylakoid lumen protein comprising the immunophilin domain and the phosphatase inhibitor module. It may guides D1 biogenesis during PSII assembly.
Synonyms:	CYP38, ARABIDOPSIS CYCLOPHILIN 38, ATCYP38, CYCLOPHILIN 38
Immunogen:	KLH-conjugated synthetic peptide (19 aa from C terminal section) derived from *Arabidopsis thaliana* CYP38 (AT3G01480).
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 (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	48 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Solanum tuberosum*, *Medicago truncatula*, *Glycine max*, *Gossypium raimondii*,

Solanum lycopersicum, *Spinacia oleracea*, *Vitis vinifera*, *Populus trichocarpa*, *Cucumis sativus*, *Nicotiana tabacum*, *Brassica napus, Brassica rapa*, and 80-99% homologues with the sequence in *Panicum virgatum*, *Oryza sativa*, *Triticum aestivum*, *Sorghum bicolor*, *Setaria viridis*, *Zea mays*, *Hordeum vulgare.*

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