Anti-ATPase 11, plasma membrane-type antibody

Catalog: PHY2350A

Product Information

Description:	Rabbit polyclonal antibody
Background:	[P-type H+-ATPases are required for generation of proton gradient across the plasma membrane. AHA11 (AT5G62670) is localized to the plasma membrane.
Synonyms:	AHA11, H(+)-ATPASE 11, HA11
Immunogen:	KLH-conjugated synthetic peptide (18 aa from N terminal section) derived from *Arabidopsis thaliana* AHA11 (AT5G62670).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M 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℃ 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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	105kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica rapa*, *Brassica napus*, and 80-99% homologues with the sequence in *Gossypium raimondii*, *Medicago truncatula*, *Solanum tuberosum*, *Nicotiana tabacum*, *Vitis vinifera*, *Populus trichocarpa*, *Solanum*

lycopersicum, *Cucumis sativus*, *Spinacia oleracea*, *Zea mays*, *Glycine max*, *Sorghum bicolor*, *Setaria viridis*.

The sequence of the synthetic peptide used for immunization is 89% homologues with the sequence in HA4 (AT3G47950).

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