

Anti-V-type proton ATPase subunit a1 antibody

Catalog: PHY3322S

Product Information

Description:	Rabbit polyclonal antibody
Background:	VHA-A1 is vacuolar proton ATPase subunit VHA-a isoform 1. It is localized in the trans-Golgi network. The mRNA is cell-to-cell mobile
Synonyms:	VHA-A1, VACUOLAR PROTON ATPASE A1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> VHA-A1 (AT2G28520).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl 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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	93 kDa
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 <i>Brassica rapa</i> , <i>Brassica napus</i> , <i>Vitis vinifera</i> , and 80-99% homologues with the sequence in <i>Gossypium raimondii</i> , <i>Brassica rapa</i> , <i>Brassica napus</i> ,

Research Use Only

Cucumis sativus, Glycine max, Nicotiana tabacum, Solanum tuberosum, Solanum lycopersicum, Zea mays, Medicago truncatula, Panicum virgatum, Sorghum bicolor, Setaria viridis, Oryza sativa.

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