

Anti-Inorganic phosphate transporter 1-4 antibody

Catalog: PHY3868S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PHT1-4 is a member of the Pht1 family of phosphate transporters which include: Pht1;1 (AT5G43350), Pht1;2 (AT5G43370), Pht1;3 (AT5G43360), Pht1;4 (AT2G38940), Pht1;5 (AT2G32830), Pht1;6 (AT5G43340), Pht1;7 (AT3G54700), Pht1;8 (AT1G20860), Pht1;9 (AT1G76430).
Synonyms:	PHT1-4, PHT1;4, ARABIDOPSIS THALIANA PHOSPHATE TRANSPORTER 2, ATPT2, PHOSPHATE TRANSPORTER 1;4
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from Arabidopsis thaliana PHT1-4 (AT2G38940).
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), Immunoprecipitation Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	59 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

Research Use Only

rapa, Brassica napus, Populus trichocarpa, Zea mays, Gpssypium raimondii, Vitis vinifera, Glycine max, Medicago truncatula, Spinacia oleracea.

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