

Anti-PHOSPHATE TRANSPORTER 1;2 antibody

Catalog: PHY0753A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PHOSPHATE TRANSPORTER 1 (PHT1) is an inorganic phosphate transporter. Arabidopsis PHT1 family transporters contain 9 proteins: 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:	PHT1-2, APT1, ARABIDOPSIS PHOSPHATE TRANSPORTER 1, PHOSPHATE TRANSPORTER 2, PHT1;2, PHT2
Immunogen:	KLH-conjugated synthetic peptide (20 aa from central section) derived from <i>Arabidopsis thaliana</i> PHT1-2 (AT5G43370).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01M 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°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:	58 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

The sequence of the synthetic peptide used for immunization is 95% homologues with the sequence in PHT1-1 (AT5G43350), and 90% homologues with the sequence in PHT1-3 (AT5G43360).

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