

Anti-Inorganic phosphate transporter 1-4 antibody

Catalog: PHY0778S

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, ARABIDOPSIS THALIANA PHOSPHATE TRANSPORTER 2, ATPT2, PHOSPHATE TRANSPORTER 1;4
Immunogen:	KLH-conjugated synthetic peptide (19 aa from Central 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

Applications:	Western Blot (1:1000-1:2000), Immunoprecipitation Note: Optimal dilutions/concentrations should be determined by the end user.
Expected Results:	59 / 55 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica rapa*, *Brassica napus*.

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