

# Anti-Inorganic phosphate transporter 1-4 antibody

Catalog: PHY0778

## Product Information

<b>Description:</b>	Rabbit polyclonal antibody
<b>Background:</b>	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).
<b>Synonyms:</b>	PHT1;4, ARABIDOPSIS THALIANA PHOSPHATE TRANSPORTER 2, ATPT2, PHOSPHATE TRANSPORTER 1;4
<b>Immunogen:</b>	KLH-conjugated synthetic peptide of PHT1;4 derived from <i>Arabidopsis thaliana</i> AT2G38940.
<b>Form:</b>	Lyophilized
<b>Quantity:</b>	150 µg
<b>Purification:</b>	Protein A purified
<b>Reconstitution:</b>	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".
<b>Stability &amp; Storage:</b>	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.
<b>Shipping:</b>	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.
<b>Reference:</b>	Teng-Kuei Huang, et al., Plant Cell 2013, 25; 4044-4060.

## Application Information

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

Research Use Only

**Predicted Reactivity:**

For more species homologues information, please contact tech support at [tech@phytoab.com](mailto:tech@phytoab.com).