

Anti-Ammonium transporter 1 member 1 antibody

Catalog: PHY0962S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AMT1;1 is a plasma membrane localized ammonium transporter. AMT1;1 contains a cytosolic trans-activation domain essential for ammonium uptake. High affinity ammonium transporter probably involved in ammonium uptake from the soil, long-distance transport to the shoots and re-uptake of apoplastic ammonium that derives from photorespiration in shoots.
Synonyms:	AMT1-1, AMMONIUM TRANSPORTER 1;1, ARABIDOPSIS THALIANA AMMONIUM TRANSPORT 1, ATAMT1, ATAMT1;1, AMT1;1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> AMT1-1 (AT4G13510).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl 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:	54 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

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