

Anti-Aluminum-activated malate transporter 12 antibody

Catalog: PHY0997S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ALMT12 is a homolog of the aluminum-activated malate transporter (ALMT) of wheat, is expressed in guard cells of <i>Arabidopsis thaliana</i> . AtALMT12 is a novel class of anion transporter involved in stomatal closure.
Synonyms:	ALMT12, ALUMINUM-ACTIVATED, MALATE TRANSPORTER 12, ATALMT12, QUAC1, QUICK-ACTIVATING ANION CHANNEL 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> ALMT12 (AT4G17970).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . 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) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	62 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica rapa*, *Brassica napus*.

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