

Anti-Magnesium/proton exchanger antibody

Catalog: PHY1816A

Product Information

Description:	Rabbit polyclonal antibody
Background:	MHX is a magnesium/proton exchanger, it is a member of putative Na ⁺ /Ca ²⁺ antiporter gene family. AtMHX, which is localized in the vacuolar membrane and functions as an electrogenic exchanger of protons with Mg ²⁺ and Zn ²⁺ ions.
Synonyms:	MHX, ATMHX, ATMHX1, MAGNESIUM/PROTON EXCHANGER, MAGNESIUM/PROTON EXCHANGER 1, MHX1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> MHX (AT2G47600).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4). "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.
Reference:	Orit Shaul, et al., The EMBO Journal Vol.18 No.14 pp.3973-3980, 1999.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	60 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in <i>Brassica</i>

Research Use Only

napus, Brassica rapa.

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