

Anti-PAS domain-containing protein tyrosine kinase family protein antibody

Catalog: PHY1431S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PDR2 mediates manganese transport into the endoplasmic reticulum. It plays an important role in pollen and root development through its impact on protein secretion and transport processes. And it functions together with LPR1 and LPR2 in a common pathway that adjusts root meristem activity to phosphate availability.
Synonyms:	MIA, MALE GAMETOGENESIS IMPAIRED ANthers, PDR2, PHOSPHATE DEFICIENCY RESPONSE 2
Immunogen:	KLH-conjugated synthetic peptide of MIA protein derived from <i>Arabidopsis thaliana</i> AT5G23630.
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.
Reference:	Mia Kyed Jakobsen, et al., GENES & DEVELOPMENT, 19:2757–2769, 2005.

Application Information

Applications:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
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Research Use Only

Expected Results:

131 kDa

Confirmed Reactivity:

Arabidopsis thaliana

Predicted Reactivity:

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