

Anti-Aquaporin PIP2;1/2/3 antibody

Catalog: PHY0915A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PIP2;1(AT3G53420) /PIP2;2(AT2G37170) /PIP2;3(AT2G37180) are members of the plasma membrane intrinsic protein PIP2. functions as aquaporin and is involved in desiccation. Water channel required to facilitate the transport of water across cell membrane; mercury-insensitive.
Synonyms:	PIP2;1/2/3, PIP2;1/PIP2;2/PIP2;3
Immunogen:	KLH-conjugated synthetic peptide (12 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> PIP2-1/2/3 (AT3G53420/AT2G37170/AT2G37180).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	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".
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:	30 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> . For more species homologues information, please contact tech

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support at tech@phytoab.com.