

Anti-Aquaporin TIP2-1/2/3 antibody

Catalog: PHY3815A

Product Information

Description:	Rabbit polyclonal antibody
Background:	TIP2;1/2/3
Synonyms:	TIP2;1/2/3, TONOPLAST INTRINSIC PROTEIN 2;1/2/3, DELTA-TIP1/2/3
Immunogen:	KLH-conjugated synthetic peptide (14 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> TIP2;1 (AT3G16240), TIP2;2 (AT5G47450) and TIP2;3 (AT4G37140).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	25 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Oryza sativa</i> , <i>Panicum virgatum</i> , <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Triticum aestivum</i> , <i>Cucumis sativus</i> , <i>Zea mays</i> , <i>Vitis vinifera</i> , <i>Solanum lycopersicum</i> , <i>Populus trichocarpa</i> , <i>Nicotiana tabacum</i> , <i>Solanum tuberosum</i> , <i>Gossypium raimondii</i> , <i>Sorghum bicolor</i> ,

Research Use Only

Medicago truncatula, *Glycine max*, *Hordeum vulgare*, *Setaria viridis*,
Cucumis sativus.

The sequence of the synthetic peptide used for immunization is 86%
(12 / 14) homologues with the sequence in TIP1;2 (AT3G26520), and
TIP1;1 (AT2G36830).

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