

Anti-Aquaporin TIP3-1, C-terminal antibody

Catalog: PHY2096A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Tonoplast intrinsic proteins (TIPs), which belong to the major intrinsic protein family, are members of plant aquaporins (AQPs) and are localized in the membrane of the vacuole. The TIP family consists of five subgroups, namely TIP1 (γ -TIP), TIP2 (δ -TIP), TIP3 (α -TIP and β -TIP), TIP4 (ϵ -TIP), and TIP5 (ξ -TIP). TIP3;1 and TIP3;2 are specifically expressed during seed maturation and localized to the seed protein storage vacuole membrane.
Synonyms:	alpha-TIP, ALPHA-TIP, ALPHA-TONOPLAST INTRINSIC PROTEIN, TIP3;1
Immunogen:	KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> alpha-TIP (AT1G73190).
Form:	Lyophilized
Quantity:	150 μ g
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 μ l 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:	28 kDa
Confirmed Reactivity:	Coming soon

Research Use Only

Predicted Reactivity:

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