Anti-TIC20-I, Chloroplastic antibody

Catalog: PHY4501A

Product Information

Description:	Rabbit polyclonal antibody
Background:	TIC20-I is a core component of the protein-conducting channel in the chloroplast inner envelope membrane of Arabidopsis. It is essential for importing nuclear-encoded proteins into chloroplasts, thereby supporting chloroplast biogenesis.
Synonyms:	TIC20-I, TIC20, ATTIC20, ATTIC20-I, TIC20-I, TRANSLOCON AT THE INNER ENVELOPE MEMBRANE OF CHLOROPLASTS 20.
Immunogen:	KLH-conjugated synthetic peptide (15 aa from central section) derived from *Arabidopsis thaliana* TIC20-I (AT1G04940).
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℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	31 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 86% homologues with the sequence in *Brassica rapa, Brassica napa*.

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