

Anti-Protochlorophyllide-dependent translocon component 52, chloroplastic antibody

Catalog: PHY0456A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PTC52 is similar to ACD1. And it localizes in plastids. It involved in oxidation-reduction process and protein transport. Two Tic55 homologs have been proposed to exist in Arabidopsis: atTic55-II (AT2G24820) and AtPTC52 (AT4G25650) (Protochlorophyllide-dependent Translocon Component, 52 kDa; has also been called atTic55-IV).
Synonyms:	PTC52, ACD1-LIKE, PROTOCHLOROPHYLLIDE-DEPENDENT TRANSLOCON COMPONENT, 52 KDA, TIC55-IV, TRANSLOCON AT THE INNER ENVELOPE MEMBRANE OF CHLOROPLASTS, 55 KDA - IV
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> PTC52 (AT4G25650).
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:	61 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

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