

Anti-CLPC1 antibody

Catalog: PHY0304A

Product Information

Description:	Rabbit polyclonal antibody
Background:	CLPC1 is a chloroplastic AAA+ chaperone that facilitates protein import into the chloroplast by powering the TIC translocon. It also selects, unfolds, and delivers proteins to the CLP protease for degradation, thereby maintaining chloroplast proteome and RNA homeostasis.
Synonyms:	CLPC1, THSP93-V, CLPC, CLPC HOMOLOGUE 1, DCA1, DE-REGULATED CAO ACCUMULATION 1, HEAT SHOCK PROTEIN 93-V, HSP93-V
Immunogen:	KLH-conjugated synthetic peptide (19 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CLPC1 (AT5G50920).
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:	103 kDa
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Research Use Only