

Anti-ROC4 antibody

Catalog: PHY3940A

Product Information

Description:	Rabbit polyclonal antibody
Background:	ROC4/CYP20-3 is a chloroplast stromal cyclophilin with peptidyl-prolyl cis-trans isomerase activity. It functions in protein folding, the repair of photodamaged photosystem II, and stress responses. It is tyrosine-phosphorylated in response to ABA.
Synonyms:	ROC4, CYCLOPHILIN 20-3, CYP20-3, ROTAMASE CYP 4
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> ROC4 (AT3G62030).
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:	34 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> .

Research Use Only

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