

Anti-Coproporphyrinogen-III oxidase 1, chloroplastic antibody

Catalog: PHY2818A

Product Information

Description:	Rabbit polyclonal antibody
Background:	LIN2 is coproporphyrinogen III oxidase, a key enzyme in the biosynthetic pathway of chlorophyll and heme, a tetrapyrrole pathway.
Synonyms:	LIN2, ATCPO-I, HEMF1, LESION INITIATION 2, CPX1, CPO, HEMF
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> LIN2 (AT1G03475).
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:	44 kDa
Confirmed Reactivity:	Coming soon
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>Vitis vinifera</i> , <i>Oryza sativa Japonica Group</i> , <i>Cucumis sativus</i> , <i>Gossypium raimondii</i> , <i>Brassica napus</i> , <i>Triticum aestivum</i> , <i>Hordeum</i>

Research Use Only

vulgare, *Spinacia oleracea*, *Panicum virgatum*, and 80-99% homologues with the sequence in *Medicago truncatula*, *Populus trichocarpa*, *Solanum tuberosum*, *Solanum lycopersicum*, *Nicotiana tabacum*, *Glycine max*, *Zea mays*, *Sorghum bicolor*, *Setaria viridis*. For more species homologues information, please contact tech support at tech@phytoab.com.