

Anti-Magnesium protoporphyrin IX methyltransferase, chloroplastic, C-terminal antibody

Catalog: PHY2837S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CHLM is a protein with methyltransferase activity responsible for the methylation of magnesium protoporphyrin IX.
Synonyms:	CHLM, MAGNESIUM-PROTOPORPHYRIN IX METHYLTRANSFERASE
Immunogen:	KLH-conjugated synthetic peptide (18 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> CHLM (AT4G25080).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . Reconstitution with 150 µl of sterile water. "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 (1:1000-1:5000) 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> , <i>Physcomitrium patens</i> , <i>Solanum tuberosum</i> ,

Research Use Only

Gossypium raimondii, *Solanum lycopersicum*, *Chlamydomonas reinhardtii*, *Spinacia oleracea*, *Nicotiana tabacum*, and 80-99% homologues with the sequence in *Glycine max*, *Vitis vinifera*, *Panicum virgatum*, *Sorghum bicolor*, *Triticum aestivum*, *Setaria viridis*, *Oryza sativa*, *Zea mays*, *Medicago truncatula*, *Hordeum vulgare subsp. vulgare*, *Populus trichocarpa*, *Cucumis sativus*.

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