

Anti-Cyanobacterial homolog of plant CHL27 cyclase antibody

Catalog: PHY3696S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CRD1 a putative ZIP protein with varying mRNA accumulation in leaves, stems and roots. It has a consensus carboxylate-bridged di-iron binding site.
Synonyms:	CRD1, ACSF, CHL27, COPPER RESPONSE DEFECT 1
Immunogen:	KLH-conjugated synthetic peptide (17 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> CRD1 (AT3G56940).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	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 (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	48 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</i>

Research Use Only

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

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