

Anti-Ferredoxin-1, chloroplastic, C-terminal antibody

Catalog: PHY0355A

Product Information

Description:	Rabbit polyclonal antibody
Background:	In higher plants, [2Fe-2S] ferredoxin (Fd) proteins are the unique electron acceptors from photosystem I (PSI).
Synonyms:	FD1, AtFd1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> FD1 (AT1G10960).
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:	16 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Hordeum vulgare</i> , <i>Cucumis sativus</i> , <i>Triticum aestivum</i> , <i>Chlamydomonas reinhardtii</i> , <i>Panicum virgatum</i> , <i>Spinacia oleracea</i> , <i>Physcomitrium patens</i> , <i>Vitis vinifera</i> , <i>Sorghum bicolor</i> .

Research Use Only

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