

Anti-Ferredoxin C2, C-terminal antibody

Catalog: PHY0448A

Product Information

Description:	Rabbit polyclonal antibody
Background:	FdC2 is a ferredoxin protein capable of alternative electron partitioning. FdC1 level increases in conditions of acceptor limitation at PSI.
Synonyms:	FdC2, FDC2, FERREDOXIN C 2.
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) of FdC2 derived from <i>Arabidopsis thaliana</i> AT1G32550.
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:	22 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>Gossypium raimondii</i> , <i>Brassica rapa</i> , <i>Solanum tuberosum</i> , <i>Solanum lycopersicum</i> , <i>Populus trichocarpa</i> , <i>Cucumis sativus</i> , <i>Vitis vinifera</i> ,

Research Use Only

Nicotiana tabacum, *Brassica napus*, *Spinacia oleracea*, and 80-99% homologues with the sequence in *Zea mays*, *Panicum virgatum*, *Oryza sativa*, *Glycine max*, *Sorghum bicolor*, *Medicago truncatula*, *Panicum virgatum*, *Triticum aestivum*, *Hordeum vulgare*.

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