Anti-Adrenodoxin-like protein 1/2, mitochondrial, C-terminal antibody

Catalog: PHY2291A

Product Information

Description:	Rabbit polyclonal antibody
Background:	MFDX1/2 play a role in host and nonhost disease resistance by accumulation of defense-related metabolites.
Synonyms:	MFDX1/2, ARABIDOPSIS MITOCHONDRIAL FERREDOXIN 1/2, ATMFDX1/2, MITOCHONDRIAL FERREDOXIN 1/2
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from *Arabidopsis thaliana* MFDX1 (AT4G05450) and MFDX2 (AT4G21090).
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℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus*, *Brassica rapa*, *Panicum virgatum*, and 80-99% homologues with the sequence in *Oryza sativa*, *Solanum lycopersicum*, *Hordeum*

vulgare, *Nicotiana tabacum*, *Solanum tuberosum*, *Medicago truncatula*, *Glycine max*, *Gossypium raimondii*, *Populus trichocarpa*, *Vitis vinifera*, *Setaria viridis*, *Triticum aestivum*, *Physcomitrium patens*, *Zea mays*.

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