

Anti-Ubiquinol-cytochrome c oxidoreductase subunit COB, mitochondrial antibody

Catalog: PHY1116A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Mitochondrial ubiquinol-cytochrome c oxidoreductase is also called complex III and it accepts electron from quinol and transferred to cytochrome c. In Arabidopsis mitochondria, ubiquinol-cytochrome c oxidoreductase contains 10 subunits. COB (ATMG00220) is one of the subunit of Complex III.
Synonyms:	COB, APOCYTOCHROME B
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> COB (ATMG00220).
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:	44 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used

Research Use Only

for immunization is 100% homologues with the sequence in *Solanum tuberosum*, *Triticum aestivum*, *Oryza sativa*, *Vitis vinifera*, *Nicotiana tabacum*, *Brassica rapa*, *Solanum lycopersicum*, *Brassica napus*, *Cucumis sativus*, and 80-99% homologues with the sequence in *Hordeum vulgare*, *Spinacia oleracea*, *Medicago truncatula*, *Gossypium raimondii*, *Glycine max*, *Panicum virgatum*, *Zea mays*, *Sorghum bicolor*, *Physcomitrella patens*, *Chlamydomonas reinhardtii*. For more species homologues information, please contact tech support at tech@phytoab.com.