

Anti-Cytochrome c oxidase subunit 2 antibody

Catalog: PHY0016A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits COX1-3 form the functional core of the enzyme complex. Subunit COX2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit COX1.
Synonyms:	COX2, CYTOCHROME OXIDASE 2
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Arabidopsis thaliana</i> COX2 (ATMG00160).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	30 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Glycine</i>

Research Use Only

max, Nicotiana tabacum, Solanum lycopersicum, Spinacia oleracea, Cucumis sativus, Medicago truncatula, Solanum tuberosum, Gossypium raimondii, Vitis vinifera, Zea mays, Oryza sativa, Hordeum vulgare, Triticum aestivum, Panicum virgatum, Sorghum bicolor.

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