Anti-NADH dehydrogenase subunit AT3G03070, mitochondrial antibody

Catalog: PHY3136S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Complex I is the largest protein complex of the oxidative phosphorylation system in mitochondrial and it catalyzes NADH-quinone oxidoreduction. Complex I represents the main entrance site for electrons into the respiratory electron transfer chain. In Arabidopsis, Complex I have at least 49 subunits and AT3G03070 may be one of the subunit.
Synonyms:	AT3G03070
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from *Arabidopsis thaliana* NADH (AT3G03070).
Form:	Lyophilized
Quantity:	150 μg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com.
Reconstitution:	Reconstitution with 150μl of sterile water. "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:	12 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 *Brassica napus*, *Brassica rapa*, and 80-99% homologues with the sequence in *Gossypium raimondii*, *Zea mays*, *Oryza sativa*, *Triticum aestivum*, *Hordeum vulgare*, *Panicum virgatum*, *Setaria viridis*, *Populus trichocarpa*, *Glycine max*, *Medicago truncatula*, *Cucumis sativus*, *Vitis vinifera*, *Spinacia oleracea*, *Nicotiana tabacum*, *Solanum lycopersicum*, *Solanum tuberosum*, *Physcomitrium patens*.
For more species homologues information, please contact tech support at tech@phytoab.com.