Anti-ATP synthase subunit 2, mitochondrial, C-terminal antibody

Catalog: PHY1133A

Product Information

Description:	Rabbit polyclonal antibody
Background:	Mitochondrial F0F1-ATP synthase is also called Complex V and it synthesis ATP from ADP and Pi using the proton motive force created by respiratory electron transport. ATP2 (AT5G08670/AT5G08680/AT5G08690) is a subunit of mitochondrial F0F1-ATP synthase in Arabidopsis.
Synonyms:	AtpB, ATP2
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from *Arabidopsis thaliana* AtpB (AT5G08670, AT5G08680, AT5G08690).
Form:	Lyophilized
Quantity:	150 μg
Purification:	Immunogen Affinity Purified
Reconstitution:	Reconstitution with 150 μl of sterile 1×PBS (PH=7.4). "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:	60 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in

Brassica napus, *Brassica rapa*, *Vitis vinifera*, *Solanum tuberosum*, *Solanum lycopersicum*, *Nicotiana tabacum*, *Setaria viridis*, *Spinacia oleracea*, *Medicago truncatula*, *Hordeum vulgare*, *Triticum aestivum*, *Cucumis sativus*, *Populus trichocarpa*, *Glycine max*.

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