

Anti-ATP synthase subunit 5, mitochondrial antibody

Catalog: PHY0590S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Mitochondrial F ₀ F ₁ -ATP synthase is also called Complex V and it synthesizes ATP from ADP and Pi using the proton motive force created by respiratory electron transport. ATP5 (AT5G13450) is a subunit of mitochondrial F ₀ F ₁ -ATP synthase in <i>Arabidopsis</i> .
Synonyms:	ATP5, DELTA SUBUNIT OF MT ATP SYNTHASE
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> ATP5 (AT5G13450).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl 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°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:	26 / 17 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in Brassica

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napus, and 80-99% homologues with the sequence in *Brassica napus*,
Brassica rapa.

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