

Anti-Gamma subunit of chloroplast ATP synthase antibody

Catalog: PHY0490

Product Information

Description:	Rabbit polyclonal antibody
Background:	<i>Arabidopsis thaliana</i> has two genes (<i>atpC1</i> , <i>atpC2</i>) coding for gamma subunits of chloroplast ATP synthase.
Synonyms:	AtpC1
Immunogen:	KLH-conjugated synthetic peptide (14 aa from central section) derived from <i>Arabidopsis thaliana</i> AtpC1 (AT4G04640).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A 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:	41 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> , <i>Solanum tuberosum</i> , <i>Nicotiana tabacum</i> , <i>Solanum lycopersicum</i> , <i>Cucumis sativus</i> , <i>Vitis vinifera</i> , and 80-99% homologues with the sequence in <i>Populus trichocarpa</i> , <i>Medicago</i>

Research Use Only

truncatula, *Gossypium raimondii*, *Glycine max*, *Panicum virgatum*,
Oryza sativa, *Zea mays*, *Setaria viridis*, *Sorghum bicolor*,
Physcomitrium patens.

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