Anti-Gamma subunit of chloroplast ATP synthase antibody

Catalog: PHY0313

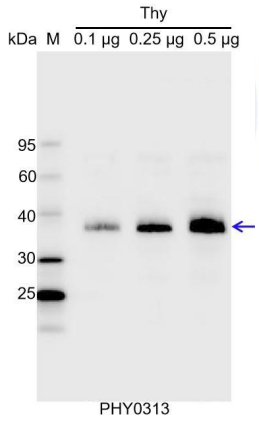
Product Information

Description:	Rabbit polyclonal antibody
Background:	*Arabidopsis thaliana* has two genes (*atpC1, atpC2*) coding for gamma subunits of chloroplast ATP synthase.
Synonyms:	AtpC1, AtpC, F-ATPase gamma subunit, ATP synthase gamma, chloroplastic
Immunogen:	Recombinant protein (1-373 aa) derived from *Arabidopsis thaliana* 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℃ 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:	41 / 38 kDa
Confirmed Reactivity:	*Arabidopsis thaliana*
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com.

Application Example



Thy: thylakoid membrane protein from *Arabidopsis thaliana* containing 0.1 μg, 0.25 μg, and 0.5 μg of chlorophyll, respectively.

Electrophoresis: 15% SDS-Urea-PAGE

Transfer: blotting to NC (nitrocellulose) membrane for 1 h.

Blocking: 5% skim milk at RT or 4℃ for 1 h.

Primary antibody: 1:2000 dilution overnight at 4℃.

Secondary antibody: 1:20000 dilution using Goat Anti-Rabbit IgG H&L(HRP) (Cat# PHY6000).

Detection: using chemiluminescence substrate and image were captured with CCD camera.