

Anti-Magnesium-chelatase subunit ChH, chloroplastic antibody

Catalog: PHY1691

Product Information

Description:	Rabbit polyclonal antibody
Background:	GUN5 is a plastid-localized Mg-chelatase enzyme subunit (CHLH), and it is a multifunctional protein involved in tetrapyrrole biosynthesis, plastid signaling and ABA responses in guard cells.
Synonyms:	GUN5, ABA-BINDING PROTEIN, ABAR, CCH, CCH1, CHLH, CONDITIONAL CHLORINA, GENOMES UNCOUPLED 5, H SUBUNIT OF MG-CHELATASE
Immunogen:	Recombinant protein of GUN5 (824-1381 aa) derived from <i>Arabidopsis thaliana</i> AT5G13630.
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.

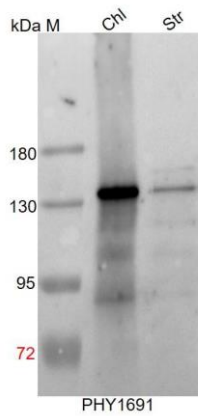
Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	154 / 144 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>
Predicted Reactivity:	For more species homologues information, please contact tech

Research Use Only

support at tech@phytoab.com.

Application Example



Chl: 5 μ l total chloroplast protein from *Arabidopsis thaliana*.

Str: 12 μ g stromal protein from *Arabidopsis thaliana*.

Electrophoresis: 8% SDS-PAGE

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

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

Primary antibody: 1:1000 dilution overnight at 4°C.

Secondary antibody: 1:10000 dilution using Goat Anti-Rabbit IgG

H&L(HRP) (Cat# PHY6000).

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