

Anti-Rieske iron-sulfur protein of Cyt b6/f complex antibody

Catalog: PHY2293S

Product Information

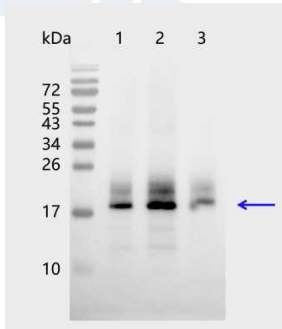
Description:	Rabbit polyclonal antibody
Background:	The 'Rieske protein' PetC is one of the key subunits of the cytochrome b (6)f complex. Its Rieske-type [2Fe-2S] cluster participates in the photosynthetic electron-transport chain.
Synonyms:	PetC, PGR1, PHOTOSYNTHETIC ELECTRON TRANSFER C, PROTON GRADIENT REGULATION 1
Immunogen:	Recombinant protein of PetC derived from <i>Arabidopsis thaliana</i> AT4G03280.
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Reconstitution with 150µl 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

Applications:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected Results:	24 /19 kDa
Confirmed Reactivity:	<i>Arabidopsis thaliana</i>
Predicted Reactivity:	For more species homologues information, please contact tech support at tech@phytoab.com .

Research Use Only

Application Example



1-2 is thylakoid membrane protein from WT of *Arabidopsis thaliana* leaf containing 0.25 μg and 0.5 μg of chlorophyll, respectively.

3 is thylakoid membrane protein from *Arabidopsis* mutant with low accumulation of Cyt b6f complex containing 0.5 μg of chlorophyll.

Electrophoresis: 15% SDS-Urea-PAGE

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

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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.