

Anti-Cytochrome b6-f complex subunit 6, C-terminal antibody

Catalog: PHY1232S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PetL is a component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions. It is important for photoautotrophic growth as well as for electron transfer efficiency and stability of the cytochrome b6-f complex.
Synonyms:	ORF31, PetL
Immunogen:	KLH-conjugated synthetic peptide (10 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> ORF31 (ATCG00590).
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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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:	3.4 kDa

Research Use Only

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Vitis vinifera*, and 80-99% homologous with the sequence in *Nicotiana tabacum*, *Gossypium raimondii*, *Solanum tuberosum*, *Brassica rapa*, *Glycine max*, *Cucumis sativus*, *Spinacia oleracea*.

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