

Anti-Thylakoid membrane cytochrome b6 protein antibody

Catalog: PHY7452S

Product Information

Description:	Rabbit polyclonal antibody
Background:	The cytochrome b(6) subunit is the component of the cytochrome b6f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.
Synonyms:	PetB, Cytochrome b6/f complex, Cyt b6, PHOTOSYNTHETIC ELECTRON TRANSFER B, PETB
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> PetB (ATCG00720).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum
Reconstitution:	Peptide affinity form antibody available upon request at info@phytoab.com . 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 & 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 (1:1000-1:5000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	24 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica</i>

Research Use Only

*napus, Nicotiana tabacum, Solanum tuberosum, Medicago
truncatula, Zea mays, Hordeum vulgare, Triticum aestivum, Oryza
sativa, Panicum virgatum, Sorghum bicolor, Setaria viridis, Brassica
rapa, Cucumis sativus, Populus trichocarpa, Solanum lycopersicum,
Spinacia oleracea, Vitis vinifera.*

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