

Anti-Lhca5 antibody

Catalog: PHY0116S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Lhca5 is a low-abundant PSI antenna protein that binds chlorophylls and contributes to energy capture, and is required for the NDH-PSI supercomplex.
Synonyms:	Lhca5
Immunogen:	KLH-conjugated synthetic peptide (15 aa from central section) derived from <i>Arabidopsis thaliana</i> Lhca5 (AT1G45474).
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 & 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:	23 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Populus trichocarpa</i> , and 93% homologues with the sequence in <i>Hordeum vulgare</i> , <i>Triticum aestivum</i> .

Research Use Only

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