

Anti-Protein POST-ILLUMINATION CHLOROPHYLL FLUORESCENCE INCREASE, chloroplastic antibody

Catalog: PHY2722S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PIFI is a chloroplast-targeted protein localized in the stroma that is a novel component essential for NDH-mediated non-photochemical reduction of the plastoquinone pool in chlororespiratory electron transport.
Synonyms:	PIFI, POST-ILLUMINATION CHLOROPHYLL FLUORESCENCE INCREASE
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> PIFI (AT3G15840).
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:	30 kDa
Confirmed Reactivity:	Coming soon
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide

Research Use Only

used for immunization is 100% homologues with the sequence in *Medicago truncatula*, *Glycine max*, *Gossypium raimondii*, *Brassica rapa*, *Brassica napus*, and 80-99% homologues with the sequence in *Cucumis sativus*, *Solanum lycopersicum*, *Populus trichocarpa*, *Solanum tuberosum*, *Nicotiana tabacum*, *Vitis vinifera*.

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