

Anti-Protein THYLAKOID FORMATION 1, chloroplastic antibody

Catalog: PHY3706S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PSB29 is a chloroplast-localized Thylakoid formation1 gene product involved in vesicle-mediated formation of thylakoid membranes.
Synonyms:	PSB29, PHOTOSYSTEM II REACTION CENTER PSB29 PROTEIN, THF1, THYLAKOID FORMATION1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> GUN1 (AT2G20890).
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:	34 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Populus trichocarpa</i> , <i>Spinacia</i>

Research Use Only

*oleracea, Gossypium raimondii, Vitis vinifera, Setaria viridis,
Panicum virgatum, Sorghum bicolor, Panicum virgatum, Zea mays,
Triticum aestivum.*

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