

Anti-PPL2/PnsL1 antibody

Catalog: PHY3939A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PPL2/PnsL1 is a chloroplast thylakoid lumen protein. It binds calcium ions and is involved in photosynthesis, photosystem II assembly, and possibly the chloroplastic NDH complex.
Synonyms:	PPL2, PHOTOSYNTHETIC NDH SUBCOMPLEX L1, PNSL1, PSBP-LIKE PROTEIN 2
Immunogen:	KLH-conjugated synthetic peptide (14 aa from Central section) derived from <i>Arabidopsis thaliana</i> PPL2 (AT2G39470).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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:	27 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Cucumis sativus</i> , <i>Medicago truncatula</i> , <i>Glycine</i>

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max, *Spinacia oleracea*, and 80-99% homologues with the sequence in *Solanum tuberosum*, *Nicotiana tabacum*, *Solanum lycopersicum*, *Vitis vinifera*, *Gossypium raimondii*.

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