

Anti-Phototropin-2 antibody

Catalog: PHY1161S

Product Information

Description:	Rabbit polyclonal antibody
Background:	PHOT2 is a membrane-bound protein serine/threonine kinase that functions as blue light photoreceptor in redundancy with PHO1. It is involved in stomatal opening, chloroplast movement and phototropism.
Synonyms:	PHOT2, ATPHOT2, NON PHOTOTROPIC HYPOCOTYL 1-LIKE, NPL1, PHOTOTROPIN 2
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> PHOT2 (AT5G58140).
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:	102 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> .

Research Use Only

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