

Anti-ALB1 antibody

Catalog: PHY2270

Product Information

Description:	Rabbit polyclonal antibody
Background:	AT1G08520 encodes ALBINA 1 (ALB1), the CHLD subunit of Mg-chelatase. This chloroplastic enzyme catalyzes magnesium ion insertion into protoporphyrin IX for chlorophyll biosynthesis. Recessive mutants are white and seedling lethal.
Synonyms:	ALB1, CHLD, ALB-1V, ALBINA 1, PDE166, PIGMENT DEFECTIVE EMBRYO 166, V157
Immunogen:	Recombinant protein (401-760 aa) derived from <i>Arabidopsis thaliana</i> ALB1 (AT1G08520).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Protein A 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:	83 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the recombinant protein used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> , <i>Gossypium raimondii</i> , <i>Glycine max</i> , <i>Nicotiana</i>

Research Use Only

tabacum, *Populus trichocarpa*, *Spinacia oleracea*, *Solanum lycopersicum*, *Solanum tuberosum*.

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