

Anti-Protease Do-like 7 antibody

Catalog: PHY3283A

Product Information

Description:	Rabbit polyclonal antibody
Background:	DEGP7 is a putative DegP protease. It is involved in the primary cleavage of photodamaged D1, D2, CP47, and CP43 and that this activity is essential for its function in PSII repair.
Synonyms:	DEGP7, DEG7, DEGP PROTEASE 7, DEGRADATION OF PERIPLASMIC PROTEINS 7
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> DEGP7 (AT3G03380).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	120 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Glycine max</i> , <i>Populus trichocarpa</i> , <i>Spinacia oleracea</i> , <i>Vitis vinifera</i> , <i>Medicago truncatula</i> , <i>Nicotiana tabacum</i> , <i>Solanum tuberosum</i> , <i>Solanum</i>

Research Use Only

lycopersicum, Physcomitrium patens, Gossypium raimondii, Brassica rapa, Brassica napus, and 80-99% homologues with the sequence in Cucumis sativus, Triticum aestivum, Hordeum vulgare, Oryza sativa Japonica Group, Setaria viridis, Panicum virgatum.

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