

Anti-E3 ubiquitin-protein ligase COP1 antibody

Catalog: PHY3244A

Product Information

Description:	Rabbit polyclonal antibody
Background:	COP1 (AT2G32950) is a protein that represses photomorphogenesis and induces skotomorphogenesis in the dark.
Synonyms:	COP1, ARABIDOPSIS THALIANA CONSTITUTIVE PHOTOMORPHOGENIC 1, ATCOP1, CONSTITUTIVE PHOTOMORPHOGENIC 1, DEETIOLATED MUTANT 340, DET340, EMB168, EMBRYO DEFECTIVE 168, FUS1, FUSCA 1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> COP1 (AT2G32950).
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:	76 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Populus trichocarpa</i> , and 80-99% homologues with the sequence in <i>Glycine max</i> ,

Research Use Only

Gossypium raimondii, Brassica napus, Brassica rapa, Medicago truncatula, Nicotiana tabacum, Spinacia oleracea, Vitis vinifera, Solanum lycopersicum, Solanum tuberosum, Cucumis sativus.

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