

Anti-Cyclase-associated protein 1 antibody

Catalog: PHY2356S

Product Information

Description:	Rabbit polyclonal antibody
Background:	CAP1 is an actin monomer binding protein that accelerates the exchange of ADP for ATP. It regulates the pool of unpolymerized ATP-actin.
Synonyms:	CAP1, ATCAP1, CAP 1, CYCLASE ASSOCIATED PROTEIN 1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> CAP1 (AT4G34490).
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:	58 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Oryza sativa</i> , <i>Brassica napus</i> , <i>Brassica rapa</i> , and 80-99% homologues with the sequence in <i>Zea mays</i> , <i>Sorghum bicolor</i> , <i>Panicum virgatum</i> ,

Research Use Only

Setaria viridis, *Hordeum vulgare*, *Triticum aestivum*, *Solanum tuberosum*, *Glycine max*, *Spinacia oleracea*, *Solanum lycopersicum*, *Nicotiana tabacum*, *Medicago truncatula*, *Gossypium raimondii*.

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