Anti-Actin-related protein 7 antibody

Catalog: PHY0974S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ARP7 is an actin-related protein required for normal embryogenesis, plant architecture and floral organ abscission. Essential protein required during embryogenesis and all plant development stages, probably through a chromatin-mediated regulation of gene expression.
Synonyms:	ARP7, ACTIN-RELATED PROTEIN 7, ATARP7.
Immunogen:	KLH-conjugated synthetic peptide (25 aa from N terminal section) derived from *Arabidopsis thaliana* ARP7 (AT3G60830).
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℃ as supplied. 6 months, -20 to -70℃ under sterile conditions after reconstitution. 1 month, 2 to 8℃ under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4℃. 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:	40 kDa
Confirmed Reactivity:	Coming soon

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in *Brassica rapa*, *Brassica napus*, *Solanum lycopersicum*, *Solanum tuberosum*, *Nicotiana tabacum*, *Glycine max*.
For more species homologues information, please contact tech support at tech@phytoab.com.