Anti-Formin-like protein 1 antibody

Catalog: PHY0987S

Product Information

Description:	Rabbit polyclonal antibody
Background:	AFH1 is a nonprocessive formin that moves from the barbered end to the side of an actin filament after the nucleation event. It might be involved in the organization and polarity of the actin cytoskeleton. And AFH1 is involved in polar pollen cell growth process by maintaining tip-focused cell membrane expansion for the polar extension of pollen tubes.
Synonyms:	AFH1, AHF1, ARABIDOPSIS THALIANA FORMIN HOMOLOGY 1, ATFH1, FH1, FORMIN HOMOLOGY 1.
Immunogen:	KLH-conjugated synthetic peptide (13 aa from C terminal section) derived from *Arabidopsis thaliana* AFH1 (AT3G25500).
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:	115 kDa

Confirmed Reactivity: Coming soon

Predicted Reactivity: Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Populus trichocarpa*, *Spinacia oleracea*, *Brassica rapa*, *Cucumis sativus*, *Brassica napus*, *Gossypium raimondii*, *Nicotiana tabacum*, *Solanum tuberosum*, *Vitis vinifera*, *Solanum lycopersicum*, *Glycine max*, and 80-99% homologues with the sequence in *Zea mays*, *Oryza sativa Japonica Group*, *Triticum aestivum*, *Hordeum vulgare*, *Sorghum bicolor*, *Panicum virgatum*, *Setaria viridis*, *Medicago truncatula*.
The sequence of the synthetic peptide used for immunization is 84% homologues with the sequence in ATFH6 (AT5G67470), ATFH2 (AT2G43800).
For more species homologues information, please contact tech support at tech@phytoab.com.