Anti-Ethylene-responsive transcription factor WIN1 antibody

Catalog: PHY3796S

Product Information

Description:	Rabbit polyclonal antibody
Background:	SHN1 is a member of the ERF (ethylene response factor) subfamily B-6 of ERF/AP2 transcription factor family. The protein contains one AP2 domain. There are 12 members in this subfamily including RAP2.11. This gene is involved in wax biosynthesis. Two closely related genes, AT5G25390 and AT5G11190 have similar phenotypes when over-expressed.
Synonyms:	SHN1, ATSHN1, SHINE 1, WAX INDUCER 1, WIN1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from *Arabidopsis thaliana* SHN1 (AT1G15360).
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:	22 kDa

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in *Brassica napus, Brassica rapa,* and 80-99% homologues with the sequence in *Gossypium raimondii, Glycine max, Cucumis sativus, Hordeum vulgare, Oryza sativa, Sorghum bicolor, Panicum virgatum, Setaria viridis, Triticum aestivum, Zea mays, Solanum lycopersicum, Nicotiana tabacum, Solanum tuberosum.*

The sequence of the synthetic peptide used for immunization is 93% (13 / 14) homologues with the sequence in SHN3 (AT5G25390) and SHN2 (AT5G11190).

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