Anti-CSC1-like protein ERD4 antibody

Catalog: PHY1515S

Product Information

Description:	Rabbit polyclonal antibody
Background:	ERD proteins have functional roles in plant stress tolerance and development. And ERD4 may acts as an osmosensitive calcium-permeable cation channel.
Synonyms:	ERD4, EARLY-RESPONSIVE TO DEHYDRATION 4
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from *Arabidopsis thaliana* ERD4 (AT1G30360).
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:	82 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 *Vitis vinifera,* and 80-99% homologues with the sequence in *Nicotiana*

tabacum, Brassica napus, Brassica rapa, Solanum tuberosum, Solanum lycopersicum, Gossypium raimondii, Medicago truncatula, Spinacia oleracea, Populus trichocarpa.

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