Anti-Xanthoxin dehydrogenase antibody

Catalog: PHY1199A

Product Information

Description:	Rabbit polyclonal antibody
Background:	ABA2 is a cytosolic short-chain dehydrogenase/reductase involved in the conversion of xanthoxin to ABA-aldehyde during ABA biosynthesis. It plays important roles in angiosperm physiology and survival, including driving stomatal closure, inducing seed dormancy and aiding desiccation and salinity tolerance.
Synonyms:	ABA2, ABA DEFICIENT 2, ARABIDOPSIS THALIANA ABA DEFICIENT 2, ATABA2, ATSDR1, GIN1, GLUCOSE INSENSITIVE 1, IMPAIRED SUCROSE INDUCTION 4, ISI4, SALT RESISTANT 1, SDR1, SHORT-CHAIN DEHYDROGENASE REDUCTASE 1, SHORT-CHAIN DEHYDROGENASE/REDUCTASE 1, SIS4, SRE1, SUGAR-INSENSITIVE 4
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from *Arabidopsis thaliana* ABA2 (AT1G52340).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of 0.01 M sterile PBS. "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:	30 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, Vitis vinifera, Medicago truncatula, Spinacia oleracea, Glycine max.* For more species homologues information, please contact tech support at tech@phytoab.com.