Anti-Auxin efflux carrier component 2 antibody

Catalog: PHY3343A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PIN2 (AT5g57090) is a component of the auxin efflux carrier and is involved in the root-specific auxin transport as well as mediates the root gravitropism. It is very likely that PIN2 plays a role in the translocation of auxin towards the elongation zone.
Synonyms:	PIN2, AGR, AGR1, AGRAVITROPIC ROOT, AGRAVITROPIC ROOT 1, ARABIDOPSIS THALIANA PIN-FORMED 2, ATPIN2, EIR1, ETHYLENE INSENSITIVE ROOT 1, MM31, PIN-FORMED 2, WAV6, WAVY ROOTS 6
Immunogen:	KLH-conjugated synthetic peptide (16 aa from C terminal section) derived from *Arabidopsis thaliana* PIN2 (AT5G57090).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4). "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:	69 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in

Brassica napus, *Brassica rapa*.

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