

Anti-Auxin efflux carrier component 1 antibody

Catalog: PHY1046A

Product Information

Description:	Rabbit polyclonal antibody
Background:	PIN1 is an auxin efflux carrier involved in shoot and root development. In roots, PIN1 mainly resides at the basal end of the vascular cells.
Synonyms:	PIN1, ARABIDOPSIS THALIANA PIN-FORMED 1, ATPIN1, PIN-FORMED 1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from central section) derived from <i>Arabidopsis thaliana</i> PIN1 (AT1G73590).
Form:	Lyophilized
Quantity:	150µg
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	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
&Storage:	12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution.
Shipping:	The product is shipped at 4°C. 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:	67 kDa
Confirmed Reactivity:	<i>Arabidopsisthaliana</i>
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Gossypium raimondii</i> , <i>Vitis vinifera</i> , <i>Cucumis sativus</i> , <i>Glycine max</i> .

Research Use Only

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