

Anti-Auxin-responsive protein IAA28 antibody

Catalog: PHY3692A

Product Information

Description:	Rabbit polyclonal antibody
Background:	IAA28 is a protein that may be a negative regulator of lateral root formation in response to auxin. It is a member of IAA/ARF gene family and is plant-specific. Gain of function mutations in this gene suppresses lateral root formation and is resistant to inhibition of root elongation by auxin, cytokinin, and ethylene.
Synonyms:	IAA28, IAA-ALANINE RESISTANT 2, IAR2, INDOLE-3-ACETIC ACID INDUCIBLE 28
Immunogen:	KLH-conjugated synthetic peptide (15 aa from Central section) derived from <i>Arabidopsis thaliana</i> IAA28 (AT5G25890).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen Affinity Purified
Reconstitution:	Reconstitution with 150µl of sterile 1 × PBS (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°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:	20 kDa
Predicted Reactivity:	Among species analyzed, the sequence of the synthetic peptide used for immunization is 80-99% homologues with the sequence in <i>Brassica rapa</i> , <i>Brassica napus</i> .

Research Use Only

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