

Anti-NIT1 antibody

Catalog: PHY2194A

Product Information

Description:	Rabbit polyclonal antibody
Background:	NIT1 is a nitrilase in <i>Arabidopsis thaliana</i> that catalyzes the terminal step in auxin (IAA) biosynthesis by converting indole-3-acetonitrile. It is the predominant nitrilase isoform and also responds to wounding.
Synonyms:	NIT1, A. THALIANA NITRILASE 1, ATNIT1, NIT1, NITRILASE 1
Immunogen:	KLH-conjugated synthetic peptide (20 aa from C-terminal section) derived from <i>Arabidopsis thaliana</i> NIT1 (AT3G44310).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Immunogen affinity purified
Reconstitution:	Reconstitution with 150 µl of sterile 1XPBS (PH=7.4) containing 30% glycerol. "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.

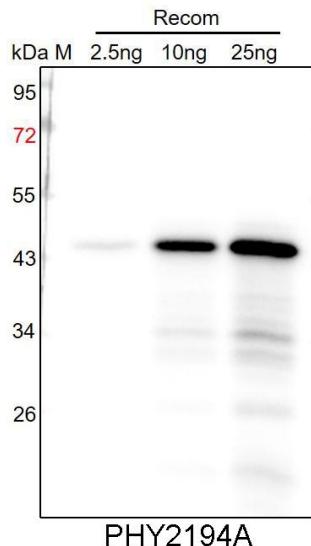
Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	38 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 napus</i> , <i>Brassica rapa</i> , <i>Vitis vinifera</i> , <i>Physcomitrium patens</i> . For more species homologues information, please contact tech

Research Use Only

support at tech@phytoab.com.

Application Example



Research Use Only