

Anti-NO-associated protein 1, chloroplastic/mitochondrial, C-terminal antibody

Catalog: PHY3173A

Product Information

Description:	Rabbit polyclonal antibody
Background:	NOA1 is a protein with similarity to the bacterial YqeH GTPase required for proper ribosome assembly. It also seems to be involved in regulating leaf senescence, cell death, nitric oxide biosynthesis in response to ABA but not exogenous H ₂ O ₂ .
Synonyms:	NOA1, ATNOA1, ATNOS1, NITRIC OXIDE SYNTHASE 1, NO ASSOCIATED 1, NOS1, RESISTANT TO INHIBITION WITH FOSMIDOMYCIN 1, RIF1, SUPPRESSOR OF VARIATION 10, SVR10
Immunogen:	KLH-conjugated synthetic peptide (15 aa from C terminal section) derived from <i>Arabidopsis thaliana</i> NOA1 (AT3G47450).
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°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.
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Research Use Only

Expected / apparent MW: 62 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 *Gossypium raimondii*, *Brassica napus*, *Brassica rapa*, *Populus trichocarpa*.

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