

Anti-Nitrate reductase [NADH] 2, N-terminal antibody

Catalog: PHY1432S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Nitrate reductase is a key enzyme involved in the first step of nitrate assimilation in plants, fungi and bacteria. In Arabidopsis, nitrate reductases are including NIA1 (AT1G77760) and NIA2 (AT1G37130), they determine NO production in plants and are critical to abscisic acid (ABA)-induced stomatal closure.
Synonyms:	NR2, NIA2, ARABIDOPSIS NITRATE REDUCTASE 2, ATNR2, B29, CHL3, CHLORATE RESISTANT 3, NIA2-1, NITRATE REDUCTASE, NITRATE REDUCTASE 2, NR
Immunogen:	KLH-conjugated synthetic peptide (14 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> NR2 (AT1G37130).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl of sterile water. "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:	103 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

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