

Anti-NdhN, chloroplastic antibody

Catalog: PHY3137S

Product Information

Description:	Rabbit polyclonal antibody
Background:	Chloroplast NADH dehydrogenase-like (NDH) complex mediates cyclic electron transport around PSI and chlororespiration. Chloroplast NDH consists of five subcomplexes. In higher plants, NDH complex further associates with photosystem I (PSI) to form the NDH-PSI supercomplex. NdhN is a subunit of the NDH complex.
Synonyms:	NdhN, NAD(P)H dehydrogenase subunit N, NADH-plastoquinone oxidoreductase subunit N, NDH subunit N
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> NdhN (AT5G58260).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150 µl 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:	23 kDa

Research Use Only

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 *Brassica napus*, *Brassica rapa*, *Sorghum bicolor*, *Zea mays*, *Hordeum vulgare*, *Populus trichocarpa*, *Spinacia oleracea*, *Vitis vinifer*, *Triticum aestivum*, *Glycine max*, *Solanum tuberosum*, *Solanum lycopersicum*, *Nicotiana tabacum*, *Oryza sativa Japonica Group*, *Medicago truncatula*, *Panicum virgatum*, *Setaria viridis*, *Physcomitrium patens*.

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