

Anti-NAD(P)H DEHYDROGENASE SUBUNIT 48 antibody

Catalog: PHY1755S

Product Information

Description:	Rabbit polyclonal antibody
Background:	NDH48 is a novel nuclear-encoded subunit of the chloroplast NDH dehydrogenase complex, involved in cyclic electron flow around photosystem I to produce ATP. NDH48 and NDH45 are crucial both for the stable structure and function of the NDH complex.
Synonyms:	NDH48, NAD(P)H DEHYDROGENASE SUBUNIT 48, NDF1, NDH-DEPENDENT CYCLIC ELECTRON FLOW 1, PHOTOSYNTHETIC NDH SUBCOMPLEX B 1, PNSB1
Immunogen:	KLH-conjugated synthetic peptide (15 aa from N terminal section) derived from <i>Arabidopsis thaliana</i> NDH48 (AT1G15980).
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 &	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Storage:	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:	51 kDa

Research Use Only

Confirmed Reactivity:

Coming soon

Predicted Reactivity:

Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologous with the sequence in *Brassica napus*, *Brassica rapa*, and 80-99% homologous with the sequence in *Glycine max*.

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