NDHN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NDHN, Polyclonal Antibody
Full Product Name	Rabbit anti-Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2) NDHN Polyclonal Antibody
Product Gene Name	anti-NDHN antibody
Product Synonym Names	NDHN Antibody; NAD(P)H-quinone oxidoreductase subunit N; EC 1.6.5.-; NAD(P)H dehydrogenase I subunit N; NDH-1 subunit N; NDH-N; ndhN Synpcc7942_2234
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	17,145 Da
3D Structure	ModBase 3D Structure for Q31L05
Immunogen	Recombinant Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2) ndhN protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NDHN antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-NDHN antibody	MBS7193262 is an antibody targeting NDHN. Also known as Rabbit anti-Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2) NDHN Polyclonal Antibody. Reactive in Synechococcus elongatus (strain PCC 7942)(Anacystis nidulans R2). Host: Rabbit.
Other Notes	Small volumes of anti-NDHN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NDHN. It may not necessarily be applicable to this product.

NCBI GI #	499563391
NCBI Accession #	WP_011244174.1
UniProt Primary Accession #	Q31L05
GenBank Nucleotide #	WP_011244174.1

NCBI Official Full Name	MULTISPECIES: NAD(P)H-quinone oxidoreductase subunit N
UniProt Protein Name	NAD(P)H-quinone oxidoreductase subunit N
UniProt Synonym Protein Names	NAD(P)H dehydrogenase I subunit N
Protein Family	NAD(P)H-quinone oxidoreductase
UniProt Gene Name	ndhN
UniProt Synonym Gene Names	NDH-1 subunit N; NDH-N
UniProt Comments for NDHN	NDH-1 shuttles electrons from an unknown electron donor, via FMN and iron-sulfur (Fe-S) centers, to quinones in the respiratory and/or the photosynthetic chain. The immediate electron acceptor for the enzyme in this species is believed to be plastoquinone. Couples the redox reaction to proton translocation, and thus conserves the redox energy in a proton gradient. Cyanobacterial NDH-1 also plays a role in inorganic carbon-concentration.
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