NUON Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NUON, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri NUON Polyclonal Antibody
Product Gene Name	anti-NUON antibody
Product Synonym Names	NUON Antibody; NADH-quinone oxidoreductase subunit N; EC 1.6.5.11; NADH dehydrogenase I subunit N; NDH-1 subunit N; nuoN SF2352 S2487
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Shigella flexneri
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	52,062 Da
3D Structure	ModBase 3D Structure for Q83QT2
Immunogen	Recombinant Shigella flexneri nuoN protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NUON antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-NUON antibody	MBS9001594 is an antibody targeting NUON. Also known as Rabbit anti-Shigella flexneri NUON Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-NUON 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 NUON. It may not necessarily be applicable to this product.

NCBI GI #	344915296
NCBI GeneID	1027239
NCBI Accession #	NP_708158.4
UniProt Primary Accession #	Q83QT2
UniProt Secondary Accession #	Q7UC57

GenBank Nucleotide #	NC_004337.2
NCBI Official Full Name	NADH dehydrogenase I subunit N
NCBI Official Symbol	nuoN
UniProt Protein Name	NADH-quinone oxidoreductase subunit N
UniProt Synonym Protein Names	NADH dehydrogenase I subunit N
Protein Family	NADH-quinone oxidoreductase
UniProt Gene Name	nuoN
NCBI Protein Information	NADH dehydrogenase I subunit N
UniProt Comments for NUON	NDH-1 shuttles electrons from NADH, via FMN and iron-sulfur (Fe-S) centers, to quinones in the respiratory chain. The immediate electron acceptor for the enzyme in this species is believed to be ubiquinone. Couples the redox reaction to proton translocation (for every two electrons transferred, four hydrogen ions are translocated across the cytoplasmic membrane), and thus conserves the redox energy in a proton gradient.
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