NU3M Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NU3M, Polyclonal Antibody
Full Product Name	NU3M Polyclonal Antibody
Product Gene Name	anti-NU3M antibody
Product Synonym Names	NADH-ubiquinone oxidoreductase chain 3; EC 1.6.5.3; NADH dehydrogenase subunit 3; MT-ND3; MTND3; NADH3; ND3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	12
OMIM	252010
3D Structure	ModBase 3D Structure for P03897
Immunogen	Synthesized peptide derived from human protein. at AA range: 20-100
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NU3M antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-NU3M antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-NU3M antibody	MBS8530271 is an antibody targeting NU3M. Also known as NU3M Polyclonal Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-NU3M 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 NU3M. It may not necessarily be applicable to this product.

NCBI GI #	251831114
NCBI GeneID	4537
NCBI Accession #	YP_003024033.1
UniProt Primary Accession #	P03897
UniProt Related Accession #	P03897
GenBank Nucleotide #	NC_012920.1

NCBI Official Full Name	NADH dehydrogenase subunit 3 (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded NADH dehydrogenase 3
NCBI Official Symbol	MT-ND3
NCBI Official Synonym Symbols	MTND3; ND3
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 3
UniProt Synonym Protein Names	NADH dehydrogenase subunit 3
UniProt Gene Name	MT-ND3
UniProt Synonym Gene Names	MTND3; NADH3; ND3
NCBI Protein Information	NADH dehydrogenase, subunit 3 (complex I)
UniProt Comments for NU3M	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone ().
Research Articles on NU3M	**1.** Disruption of FASTKD1 increases ND3 mRNA level. Disruption of FASTKD4 reduces it. Very low levels of FASTKD4 are sufficient to prevent ND3 loss.
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