NDUB5 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NDUB5, Polyclonal Antibody
Full Product Name	NDUB5 Polyclonal Antibody
Product Gene Name	anti-NDUB5 antibody
Product Synonym Names	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial; Complex I-SGDH; CI-SGDH; NADH-ubiquinone oxidoreductase SGDH subunit; NDUFB5
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
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	20
OMIM	603841
3D Structure	ModBase 3D Structure for O43674
Immunogen	Synthesized peptide derived from human protein. at AA range: 100-180
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NDUB5 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-NDUB5 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-NDUB5 antibody	MBS8530261 is an antibody targeting NDUB5. Also known as NDUB5 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-NDUB5 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 NDUB5. It may not necessarily be applicable to this product.

NCBI GI #	316660086
NCBI GeneID	4711
NCBI Accession #	NP_001186886.1
UniProt Primary Accession #	O43674
UniProt Secondary Accession #	Q561V6
UniProt Related Accession #	O43674

GenBank Nucleotide #	NM_001199957.1
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit B5
NCBI Official Symbol	NDUFB5
NCBI Official Synonym Symbols	SGDH; CISGDH
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
UniProt Synonym Protein Names	Complex I-SGDH; CI-SGDH; NADH-ubiquinone oxidoreductase SGDH subunit
UniProt Gene Name	NDUFB5
UniProt Synonym Gene Names	CI-SGDH
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial
NCBI Summary for NDUB5	The protein encoded by this gene is a subunit of the multisubunit NADH:ubiquinone oxidoreductase (complex I). Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2011]
UniProt Comments for NDUB5	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in 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 NDUB5	**1.** This protein has been found differentially expressed in the temporal lobe from patients with schizophrenia.
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