NDUFB3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NDUFB3, Polyclonal Antibody
Full Product Name	NDUFB3 (NADH Dehydrogenase [Ubiquinone] 1 beta SubComplex Subunit 3, Complex I-B12, CI-B12, NADH-Ubiquinone Oxidoreductase B12 Subunit, NDUFB3) (Biotin)
Product Gene Name	anti-NDUFB3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes NDUFB3. Species Crossreactivity: human, mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	11,402 Da
OMIM	603839
3D Structure	ModBase 3D Structure for O43676
Immunogen	KLH conjugated synthetic peptide corresponding to aa14-49 at the Central region of human NDUFB3.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-NDUFB3 antibody	Antibodies; Enzymes; Dehydrogenase
Applications Tested/Suitable for anti-NDUFB3 antibody	Western Blot (WB)
Application Notes for anti-NDUFB3 antibody	WB: 1:2000 Applications are based on unconjugated antibody.
Related Product Information for anti-NDUFB3 antibody	MBS6457539 is an antibody targeting NDUFB3. Also known as NDUFB3 (NADH Dehydrogenase [Ubiquinone] 1 beta SubComplex Subunit 3, Complex I-B12, CI-B12, NADH-Ubiquinone Oxidoreductase B12 Subunit, NDUFB3) (Biotin). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-NDUFB3 antibody	Ton C., et al. Biochem. Biophys. Res. Commun. 241:589-594(1997). Loeffen J.L.C.M., et al. Biochem. Biophys. Res. Commun. 253:415-422(1998). Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases. Hillier L.W., et al. Nature 434:724-731(2005). Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Other Notes	Small volumes of anti-NDUFB3 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 NDUFB3. It may not necessarily be applicable to this product.

NCBI GI #	380036038
NCBI GeneID	4709
NCBI Accession #	NP_001244031
UniProt Primary Accession #	O43676
UniProt Secondary Accession #	Q6IB80
UniProt Related Accession #	O43676
GenBank Nucleotide #	NM_002491
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa
NCBI Official Symbol	NDUFB3
NCBI Official Synonym Symbols	B12; CI-B12
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3
UniProt Synonym Protein Names	Complex I-B12; CI-B12; NADH-ubiquinone oxidoreductase B12 subunit
Protein Family	NADH dehydrogenase
UniProt Gene Name	NDUFB3
UniProt Synonym Gene Names	CI-B12
UniProt Entry Name	NDUB3_HUMAN
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3; NADH-ubiquinone oxidoreductase B12 subunit; complex I-B12
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