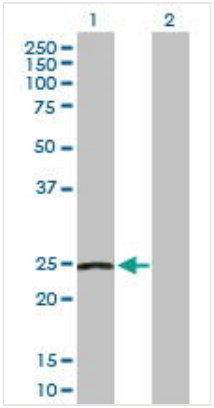
NDUFS8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NDUFS8, Polyclonal Antibody
Full Product Name	NDUFS8 (NADH Dehydrogenase [Ubiquinone] Iron-sulfur Protein 8, Mitochondrial, Complex I-23kD, NADH-ubiquinone Oxidoreductase 23kD Subunit,
Product Gene Name	anti-NDUFS8 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
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 human NDUFS8.
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 stor in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	23,705 Da
Immunogen	Full length human NDUFS8, aa1-210 (NP_002487.1).
Immunogen Sequence	MRCLTTPMLLRALAQAARAGPPGGRSLHSSAVAATYKYVNMQDPEMDMKSVTDRAARTLLWTELFRGLGMTLSYLFREPATINYPFEKGPLSPRFRGEH
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-NDUFS8 antibody	Antibodies; Enzymes; Dehydrogenase
Applications Tested/Suitable for anti-NDUFS8 antibody	Western Blot (WB)
Application Notes for anti-NDUFS8 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NDUFS8 antibody	MBS6386756 is an antibody targeting NDUFS8. Also known as NDUFS8 (NADH Dehydrogenase [Ubiquinone] Iron-sulfur Protein 8, Mitochondrial, Cor
Other Notes	Small volumes of anti-NDUFS8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece additional dry ice fee may apply.



Western Blot (WB) of anti-NDUFS8 antibody
Western Blot analysis of NDUFS8 expression in transfected 293T cell line by NDUFS8 polyclonal antibody. Lane 1: NDUFS8 transfected lysate (23.7kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NDUFS8. It may not necessarily be applicable to this product.

NCBI GI #	4505371
NCBI GeneID	4728
NCBI Accession #	NP_002487.1
UniProt Secondary Accession #	Q0VDA8; B2RB86
UniProt Related Accession #	O00217
GenBank Nucleotide #	NM_002496.1
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit S8
NCBI Official Symbol	NDUFS8
NCBI Official Synonym Symbols	TYKY; CI-23k; CI23KD
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
NCBI Summary for NDUFS8	This gene encodes a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. The encoded protein is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process. Mutations in this gene have been associated with Leigh syndrome. [provided by RefSeq, Mar 2010]
Research Articles on NDUFS8	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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