

NDUFB9 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21707c

Specification

NDUFB9 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O9Y6M9
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	21831

NDUFB9 Antibody (Center) - Additional Information

Gene ID 4715

Other Names

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9, Complex I-B22, CI-B22, LYR motif-containing protein 3, NADH-ubiquinone oxidoreductase B22 subunit, NDUFB9, LYRM3, UQOR22

Target/Specificity

This NDUFB9 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 97-131 amino acids from the Central region of human NDUFB9.

Dilution

WB~~1:2000
E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NDUFB9 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NDUFB9 Antibody (Center) - Protein Information

Name NDUFB9

Synonyms LYRM3, UQOR22

Function Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.

Cellular Location

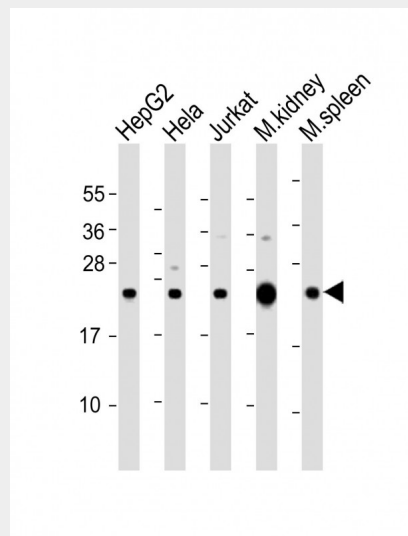
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

NDUFB9 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NDUFB9 Antibody (Center) - Images



All lanes : Anti-NDUFB9 Antibody (Center) at 1:2000 dilution Lane 1: HepG2 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: mouse kidney lysate Lane 5: mouse spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

NDUFB9 Antibody (Center) - Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not 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.

NDUFB9 Antibody (Center) - References

Triepels R.,et al.Submitted (JAN-1998) to the EMBL/GenBank/DDBJ databases.
Lin X.,et al.Hum. Hered. 49:75-80(1999).
Ye Z.,et al.Biochem. Biophys. Res. Commun. 275:223-227(2000).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).