

NDUFB9 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21707c

Product Information

Application WB, E **Primary Accession** Q9Y6M9

Reactivity Human, Mouse

Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Clone Names RB53492
Calculated MW 21831

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.

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

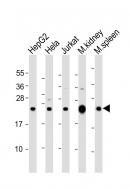
Background

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.

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.