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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

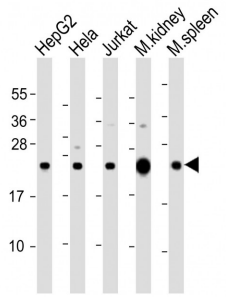
Background

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.