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NDUFA9 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51800

Product Information

Application	WB
Primary Accession	Q16795
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42510

Additional Information

Gene ID	4704
Other Names	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial, Complex I-39kD, CI-39kD, NADH-ubiquinone oxidoreductase 39 kDa subunit, NDUFA9, NDUFS2L
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NDUFA9. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	NDUFA9
Synonyms	NDUFS2L
Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Required for proper complex I assembly (PubMed:28671271). 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 matrix

Background

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

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Cross S.H.,et al.Nat. Genet. 6:236-244(1994).
Baens M.,et al.Genomics 16:214-218(1993).
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).