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NDUFB7 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21560a

Product Information

Application	WB, E
Primary Accession	P17568
Reactivity	Human, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB49277
Calculated MW	16402

Additional Information

Gene ID	4713
Other Names	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7, Cell adhesion protein SQM1, Complex I-B18, CI-B18, NADH-ubiquinone oxidoreductase B18 subunit, NDUFB7
Target/Specificity	This NDUFB7 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 27-60 amino acids from the N-terminal region of human NDUFB7.
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	NDUFB7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NDUFB7
Function	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.
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein. Mitochondrion intermembrane space

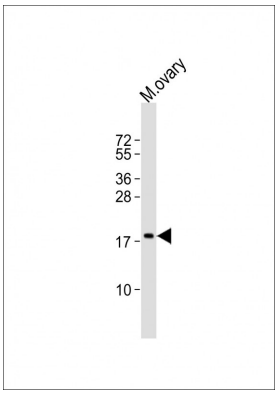
Background

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

Wong Y.-C.,et al.Biochem. Biophys. Res. Commun. 166:984-992(1990).
Triepels R.,et al.Hum. Genet. 106:385-391(2000).
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



Anti-NDUFB7 Antibody (N-term)at 1:2000 dilution + mouse ovary lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 16 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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