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NDUFS6 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21781c

Product Information

Application	WB, E
Primary Accession	O75380
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53732
Calculated MW	13712

Additional Information

Gene ID	4726
Other Names	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial, Complex I-13kD-A, CI-13kD-A, NADH-ubiquinone oxidoreductase 13 kDa-A subunit, NDUFS6
Target/Specificity	This NDUFS6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-65 amino acids from the Central region of human NDUFS6.
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	NDUFS6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NDUFS6
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; Matrix side

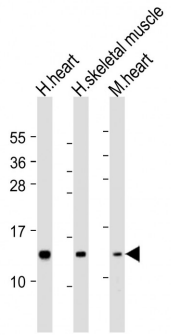
Background

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

Loeffen J.,et al.Biochem. Biophys. Res. Commun. 247:751-758(1998).
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



All lanes : Anti-NDUFS6 Antibody (Center) at 1:2000 dilution Lane 1: human heart lysate Lane 2: human skeletal muscle lysate Lane 3: mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDM/TBST.