

NDUFS6 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21781c

Product Information

Application WB, E **Primary Accession** 075380

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

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

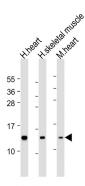
Background

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.

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