

NDUFB3 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21738c

Product Information

Application	WB, E
Primary Accession	O43676
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53490
Calculated MW	11402

Additional Information

Gene ID	4709
Other Names	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3, Complex I-B12, CI-B12, NADH-ubiquinone oxidoreductase B12 subunit, NDUFB3
Target/Specificity	This NDUFB3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 14-49 amino acids from the Central region of human NDUFB3.
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	NDUFB3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NDUFB3
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.

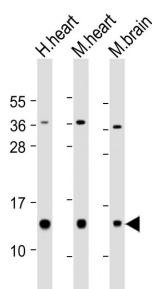
Background

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

- Ton C., et al. *Biochem. Biophys. Res. Commun.* 241:589-594(1997).
Loeffen J.L.C.M., et al. *Biochem. Biophys. Res. Commun.* 253:415-422(1998).
Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W., et al. *Nature* 434:724-731(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-NDUF3 Antibody (Center) at 1:2000 dilution
Lane 1: human heart lysate
Lane 2: mouse heart lysate
Lane 3: mouse brain lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa
Blocking/Dilution buffer: 5% NFDN/TBST.

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