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NDUFV3 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5012

Product Information

Application	WB
Primary Accession	P56181
Other Accession	P25712
Reactivity	Mouse, Rat, Human
Predicted	Rat, Bovine
Host	Rabbit
Clonality	polyclonal
Calculated MW	11941
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	4731
Antigen Region	94-128
Other Names	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial, Complex I-9kD, CI-9kD, NADH-ubiquinone oxidoreductase 9 kDa subunit, Renal carcinoma antigen NY-REN-4, NDUFV3
Dilution	WB~~1:1000
Target/Specificity	This NDUFV3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 94-128 amino acids from the C-terminal region of human NDUFV3.
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	NDUFV3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NDUFV3

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. May be the terminally assembled subunit of Complex I.
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

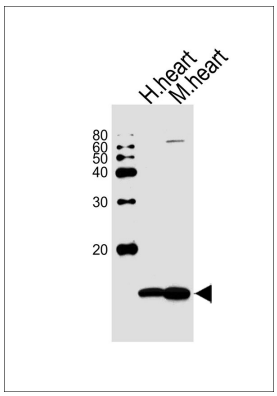
Background

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

de Coo R.F.M.,et al.Genomics 45:434-437(1997).
Berry A.,et al.Genomics 68:22-29(2000).
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hattori M.,et al.Nature 405:311-319(2000).

Images



Western blot analysis of lysates from human heart and mouse heart tissue lysate (from left to right), using NDUFV3 Antibody (C-term)(Cat. #AW5012). AW5012 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.