

NDUFV3 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5012

Product Information

ApplicationWBPrimary AccessionP56181Other AccessionP25712

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

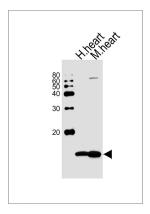
Background

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.

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