

NDUFV3 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5012

Specification

NDUFV3 Antibody (C-term) - Product Information

Application WB,E
Primary Accession P56181
Other Accession P25712

Reactivity Human, Mouse

Predicted Bovine
Host Rabbit
Clonality polyclonal

Calculated MW H=12,51;M=12;Rat=12 KDa

Isotype Rabbit IgG
Antigen Source HUMAN

NDUFV3 Antibody (C-term) - 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.

NDUFV3 Antibody (C-term) - 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

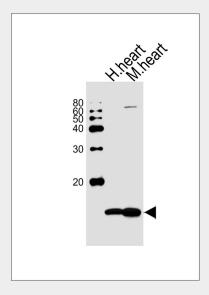
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

NDUFV3 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NDUFV3 Antibody (C-term) - 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.

NDUFV3 Antibody (C-term) - 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.



NDUFV3 Antibody (C-term) - 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).