

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.

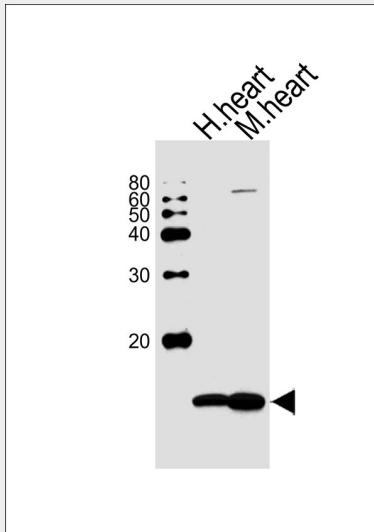
Cellular Location

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 Cytometry](#)
- [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).
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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hattori M.,et al.Nature 405:311-319(2000).