

NDUFV3 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20688c**Specification**

NDUFV3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P56181
Other Accession	P25712
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

NDUFV3 Antibody (C-term) - Additional Information**Gene ID** 4731**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

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.

Dilution

WB~~1:1000

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

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

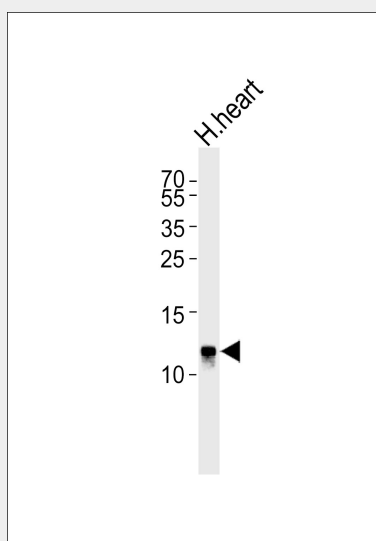
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

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 lysate from human heart tissue lysate, using NDUFV3 Antibody (C-term) (Cat. #AP20688c). AP20688c was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

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).