

**NDUFV3 Antibody**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP50747**

**Specification**

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**NDUFV3 Antibody - Product Information**

Application	<b>WB, IHC</b>
Primary Accession	<a href="#">P56181</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>12,51 KDa</b>
Antigen Region	<b>35-62</b>

**NDUFV3 Antibody - 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

**Dilution**

WB~~1:1000  
IHC~~1:50-100

**Format**

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

**Storage Conditions**

-20°C

**NDUFV3 Antibody - 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**

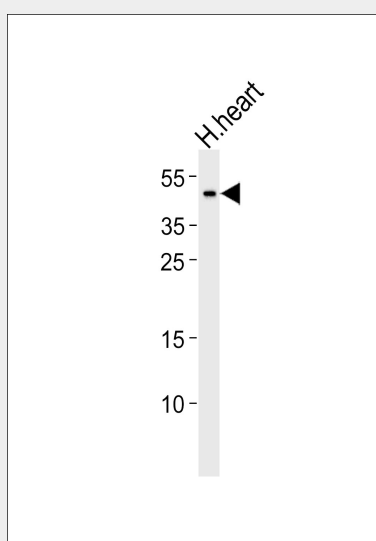
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

## NDUFV3 Antibody - Protocols

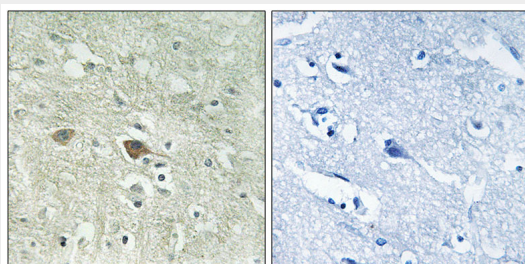
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## NDUFV3 Antibody - Images



Western blot analysis of lysate from human heart tissue lysate, using NDUFV3 Antibody (AP50747). AP50747 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.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using NDUFV3 antibody.

## NDUFV3 Antibody - 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 - References

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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).