

**NDUFA2 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP22352b**

**Specification**

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**NDUFA2 Antibody (C-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O43678</a>
Other Accession	<a href="#">Q02370</a> , <a href="#">Q0MQ92</a> , <a href="#">Q4R5E2</a>
Reactivity	Human
Predicted	Bovine, Monkey
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	10922

**NDUFA2 Antibody (C-Term) - Additional Information**

**Gene ID** 4695

**Other Names**

NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2, Complex I-B8, CI-B8, NADH-ubiquinone oxidoreductase B8 subunit, NDUFA2

**Target/Specificity**

This NDUFA2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 62-96 amino acids from the human region of human NDUFA2.

**Dilution**

WB~~1:2000

**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**

NDUFA2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**NDUFA2 Antibody (C-Term) - Protein Information**

**Name** NDUFA2

**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.

#### Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

#### NDUFA2 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](#)

#### NDUFA2 Antibody (C-Term) - Images



Anti-NDUFA2 Antibody (C-Term) at 1:2000 dilution + Human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 11 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

#### NDUFA2 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.

#### NDUFA2 Antibody (C-Term) - References

Ton C., et al. *Biochem. Biophys. Res. Commun.* 241:589-594(1997).  
Iida A., et al. Submitted (JAN-2001) to the EMBL/GenBank/DDBJ databases.

Peng Y.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.  
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).  
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.