

NDUFC1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57390**Specification****NDUFC1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O43677
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	6 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NDUFC1
Epitope Specificity	48-76/76
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion inner membrane.
SIMILARITY	Belongs to the complex I NDUFC1 subunit family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

NDUFC1 Polyclonal Antibody - Additional Information**Gene ID** 4717**Other Names**

NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial, Complex I-KFYI, CI-KFYI, NADH-ubiquinone oxidoreductase KFYI subunit, NDUFC1

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

NDUFC1 Polyclonal Antibody - Protein Information**Name** NDUFC1**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 {ECO:0000250|UniProtKB:Q02376}; Single-pass membrane protein {ECO:0000250|UniProtKB:Q02376}; Matrix side {ECO:0000250|UniProtKB:Q02376}

NDUFC1 Polyclonal 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](#)

NDUFC1 Polyclonal Antibody - Images