

NDUFS1 Rabbit mAb
Catalog # AP76608**Specification**

NDUFS1 Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	P28331
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	79468

NDUFS1 Rabbit mAb - Additional Information**Gene ID** 4719**Other Names**
NDUFS1**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A
IHC-F~~N/A
IP~~1/20
ICC~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**NDUFS1 Rabbit mAb - Protein Information****Name** NDUFS1

Function
Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (PubMed:<[a href="http://www.uniprot.org/citations/30879903" target="_blank">http://www.uniprot.org/citations/30879903](http://www.uniprot.org/citations/30879903), PubMed:<[a href="http://www.uniprot.org/citations/31557978" target="_blank">http://www.uniprot.org/citations/31557978](http://www.uniprot.org/citations/31557978)). Essential for catalysing the entry and efficient transfer of electrons within complex I (PubMed:<[a href="http://www.uniprot.org/citations/31557978" target="_blank">http://www.uniprot.org/citations/31557978](http://www.uniprot.org/citations/31557978)). Plays a key role in the assembly and stability of complex I and participates in the association of complex I with ubiquinol-cytochrome reductase complex (Complex III) to form supercomplexes (PubMed:<[a href="http://www.uniprot.org/citations/30879903" target="_blank">http://www.uniprot.org/citations/30879903](http://www.uniprot.org/citations/30879903), PubMed:<[a href="http://www.uniprot.org/citations/31557978" target="_blank">http://www.uniprot.org/citations/31557978](http://www.uniprot.org/citations/31557978)).

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P15690};
Matrix side {ECO:0000250|UniProtKB:P15690}

NDUFS1 Rabbit mAb - 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](#)

NDUFS1 Rabbit mAb - Images

