

**NDUFS1 Rabbit mAb**  
Catalog # AP76608**Specification****NDUFS1 Rabbit mAb - Product Information**

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	<a href="#">P28331</a>
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: [30879903](http://www.uniprot.org/citations/30879903), PubMed: [31557978](http://www.uniprot.org/citations/31557978) target="\_blank">31557978</a>). Essential for catalysing the entry and efficient transfer of electrons within complex I (PubMed: [31557978](http://www.uniprot.org/citations/31557978) target="\_blank">31557978</a>). 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: [30879903](http://www.uniprot.org/citations/30879903) target="\_blank">30879903</a>, PubMed: [31557978](http://www.uniprot.org/citations/31557978) target="\_blank">31557978</a>).

### 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



