

NDUFS2 Rabbit mAb
Catalog # AP76609**Specification**

NDUFS2 Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	O75306
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	52546

NDUFS2 Rabbit mAb - Additional Information**Gene ID** 4720**Other Names**
NDUFS2**Dilution**
WB~~1/500-1/1000
IHC~~1/50-1/100**Format**
Liquid**NDUFS2 Rabbit mAb - Protein Information****Name** NDUFS2**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: [22036843](http://www.uniprot.org/citations/22036843), PubMed: [28031252](http://www.uniprot.org/citations/28031252), PubMed: [30922174](http://www.uniprot.org/citations/30922174)). Essential for the catalytic activity of complex I (PubMed: [22036843](http://www.uniprot.org/citations/22036843), PubMed: [30922174](http://www.uniprot.org/citations/30922174)). Essential for the assembly of complex I (By similarity). Redox-sensitive, critical component of the oxygen-sensing pathway in the pulmonary vasculature which plays a key role in acute pulmonary oxygen-sensing and hypoxic pulmonary vasoconstriction (PubMed: [30922174](http://www.uniprot.org/citations/30922174)). Plays an important role in carotid body sensing of hypoxia (By similarity). Essential for glia-like neural stem and progenitor cell proliferation, differentiation and subsequent oligodendrocyte or neuronal maturation (By similarity).

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:Q641Y2};
Matrix side {ECO:0000250|UniProtKB:Q641Y2}

NDUFS2 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](#)

NDUFS2 Rabbit mAb - Images



