10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NDUFS4 Antibody
Rabbit mAb
Catalog # AP92100

Specification

NDUFS4 Antibody - Product Information

Application	**WB, IHC, FC, ICC, IP**
Primary Accession	O43181
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
AQDQ; CI 18; CI AQDQ; Complex I 18 kDa; NDUFS4;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**20108 Da**

NDUFS4 Antibody - Additional Information

Dilution	**WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human NDUFS4**
Description	**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.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

NDUFS4 Antibody - Protein Information

Name NDUFS4

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.

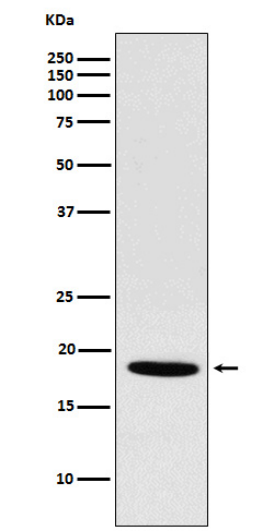
Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side. Note=The interaction with BCAP31 mediates mitochondria localization.

NDUFS4 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 Cytomety
- Cell Culture

NDUFS4 Antibody - Images



Western blot analysis of NDUFS4 expression in Rat heart lysate.