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NDUFS3 Polyclonal Antibody
Catalog # AP71201

Specification

NDUFS3 Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	O75489
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**

NDUFS3 Polyclonal Antibody - Additional Information

Gene ID 4722

Other Names
NDUFS3; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3; mitochondrial; Complex I-30kD; CI-30kD; NADH-ubiquinone oxidoreductase 30 kDa subunit

Dilution
WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

NDUFS3 Polyclonal Antibody - Protein Information

Name NDUFS3

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:14729820, PubMed:30140060). Essential for the catalytic activity and assembly of complex I (PubMed:14729820, PubMed:24028823, PubMed:30140060).

Cellular Location
Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

NDUFS3 Polyclonal Antibody - Protocols

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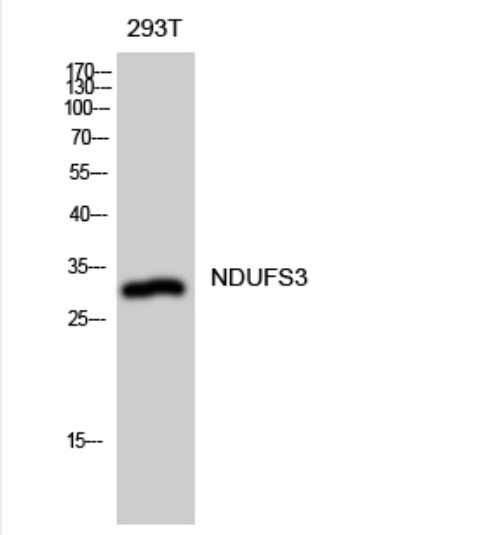
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NDUFS3 Polyclonal Antibody - Images



NDUFS3 Polyclonal Antibody - Background

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for 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 (By similarity).