

Ndufs1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13970**Specification**

Ndufs1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q66HF1
Other Accession	NM_001005550 , NP_001005550
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Goat, Horse, Yeast, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79kDa KDa

Ndufs1 Antibody - N-terminal region - Additional Information**Gene ID** 301458**Other Names**

NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial, 1.6.5.3, 1.6.99.3, Ndufs1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Ndufs1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Ndufs1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Ndufs1 Antibody - N-terminal region - 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 (By similarity). Essential for catalysing the entry and efficient transfer of electrons within complex I (By similarity). 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 (By similarity).

Cellular Location

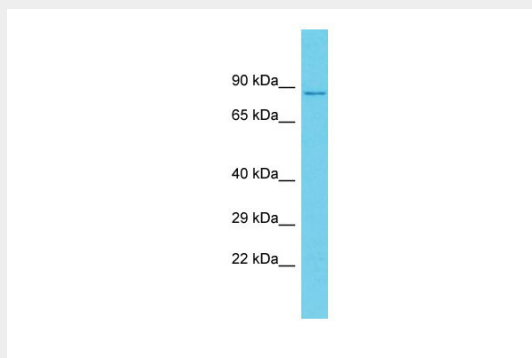
Mitochondrion inner membrane {ECO:0000250|UniProtKB:P15690}; Peripheral membrane protein {ECO:0000250|UniProtKB:P15690}; Matrix side {ECO:0000250|UniProtKB:P15690}

Ndufs1 Antibody - N-terminal region - 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 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: Ndufs1
Sample Tissue: Rat Thymus lysates
Antibody Dilution: 1.0µg/ml

Ndufs1 Antibody - N-terminal region - References

Lubec G., et al. Submitted (APR-2007) to UniProtKB.