

Ndufs1 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13970

Product Information

Application	WB
Primary Accession	Q66HF1
Other Accession	NM_001005550 , NP_001005550
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine, Yeast
Host	Rabbit
Clonality	Polyclonal
Calculated MW	79412

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.

Protein Information

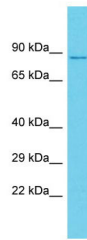
Name	Ndufs1
Function	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) which catalyzes electron transfer from NADH through the respiratory chain, using ubiquinone as an electron acceptor (By similarity). Essential for catalysing the entry and efficient transfer 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}

References

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.