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NDUFS8 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14727

Product Information

Application	WB
Primary Accession	O00217
Other Accession	NM_002496, NP_002487
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23705

Additional Information

Gene ID	4728
Alias Symbol	CI23KD, TYKY, CI-23k
Other Names	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial, 1.6.5.3, 1.6.99.3, Complex I-23kD, CI-23kD, NADH-ubiquinone oxidoreductase 23 kDa subunit, TYKY subunit, NDUFS8
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-NDUFS8 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	NDUFS8 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NDUFS8
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:22499348). Essential for the catalytic activity and assembly of complex I (PubMed:22499348).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P42028}; Matrix side {ECO:0000250|UniProtKB:P42028}

Tissue Location	Expressed in all tissues with the highest level in heart and skeletal muscle and the lowest level in lung

References

Procaccio V.,et al.Biochim. Biophys. Acta 1351:37-41(1997).
de Sury R.,et al.Gene 215:1-10(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



WB Suggested Anti-NDUFS8 Antibody Titration: 1.0 µg/ml
Positive Control: Jurkat Whole Cell

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