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KD-Validated Anti-NDUFS1 Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody
Catalog # AGI2211

Product Information

Application	WB, FC
Primary Accession	P28331
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB240
Calculated MW	79468
Gene Name	NDUFS1
Aliases	NDUFS1; NADH:Ubiquinone Oxidoreductase Core Subunit S1; NADH-Ubiquinone Oxidoreductase 75 KDa Subunit, Mitochondrial; CI-75k; NADH Dehydrogenase (Ubiquinone) Fe-S Protein 1, 75kDa (NADH-Coenzyme Q Reductase); Complex I 75kDa Subunit 2 3NADH Dehydrogenase (Ubiquinone) Fe-S Protein 1 (75kD) (NADH-Coenzyme Q Reductase); Mitochondrial NADH-Ubiquinone Oxidoreductase 75 KDa Subunit; Complex I, Mitochondrial Respiratory Chain, 75-KD Subunit; Complex I-75kD; EC 7.1.1.2; CI-75Kd; PRO1304; CI-75kD; MC1DN5
Immunogen	A synthesized peptide derived from human Ndufs1

Additional Information

Gene ID	4719
Other Names	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial, 7.1.1.2, Complex I-75kD, CI-75kD, NDUFS1

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 (PubMed:30879903, PubMed:31557978). Essential for catalysing the entry and efficient transfer of electrons within complex I (PubMed:31557978). 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 (PubMed:30879903, PubMed:31557978).
Cellular Location	Mitochondrion inner membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P15690}; Matrix side {ECO:0000250|UniProtKB:P15690}

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