

NDUFS1 polyclonal antibody (A01)

Catalog # H00004719-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant NDUFS1.
Immunogen	NDUFS1 (AAH30833, 1 a.a. ~ 727 a.a) full-length recombinant protein with GST tag.
Sequence	MLRIPVRKALVGLSKSPKGCVRTTATAASNLEVFVDGQSVMVEPGTTVLQACEKVGMQIPRCY HERLSVAGNCRMCLVEIEKAPKVVAACAMPVMKGWNILTNSEKSKKAREGVMEFLLANHPLDC PICDQGGCEDLQDQSMFMFGNDRSRFLEGKRAVEDKNIGPLVKTIMTRCIQCTRCIRFASEIAGVDD LGTGGRGNDMQVGTIEKMFMSSELSGNIIDICPVGALTSKPYAFTAQPWETRKTESIDVMDAVGSNI VVSTRTGEVMRILPRMHEDINEEWISDKTRFAYDGLKRQRLTEPMVRNEKGLLTYTSWEDALSRV AGMLQSFQGKDVAAGGLVDAEALVALKDLLNRVDSDTLCTEEVFPTAGAGTDLRSNYLLNTTIA GVEEADVLLVGTNPRFEAPLFNARIRKSWLHNDLKVALIGSPVDLTYYDHLGDSPKILQDIASGS HPFSQVLKEAKKPMVVLGSSALQRNDGAAILAAVSSIAQKIRMTSGVTGDWKVMNHLHRIASQVAA LDLGYKPGVEAIRKNPPKVLFLLGADGGCITRQDLPKDCFIYQGHGHDVGAPIADVILPGAAYTEK SATYVNTEGRAQQTKVAVTPPGLAREDWKIIRALSEIAGMTLPYDTLDQVRNRLEEVSPNLVRYDDI EGANYFQQANELSKLVNQQLLADPLVPPQLTIKDFYMTDSISRASQTMACVKAVTEGAQAVEEP SIC
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — NDUFS1

Entrez GeneID

[4719](#)

GeneBank Accession#	BC030833
Protein Accession#	AAH30833
Gene Name	NDUFS1
Gene Alias	CI-75Kd, MGC26839, PRO1304
Gene Description	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)
Omim ID	157655 252010
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the complex I 75 kDa subunit family. Mammalian complex I is composed of 45 different subunits. It locates at the mitochondrial inner membrane. This protein has NADH dehydrogenase activity and oxidoreductase activity. It transfers electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone. This protein is the largest subunit of complex I and it is a component of the iron-sulfur (IP) fragment of the enzyme. It may form part of the active site crevice where NADH is oxidized. Mutations in this gene are associated with complex I deficiency. [provided by RefSeq]
Other Designations	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa NADH-coenzyme Q reductase complex I, mitochondrial respiratory chain, 75-kD subunit

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Disease

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