

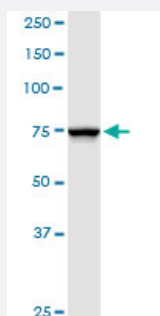
MaxPab®

NDUFS1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004719-D01P

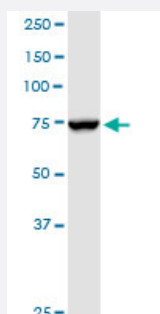
Size 100 ug

Applications



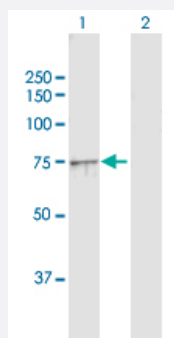
Western Blot (Tissue lysate)

NDUFS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of NDUFS1 expression in human liver.



Western Blot (Cell lysate)

NDUFS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of NDUFS1 expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of NDUFS1 expression in transfected 293T cell line ([H00004719-T02](#)) by NDUFS1 MaxPab polyclonal antibody.

Lane 1: NDUFS1 transfected lysate(79.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human NDUFS1 protein.

Immunogen	NDUFS1 (NP_004997.4, 1 a.a. ~ 727 a.a) full-length human protein.
Sequence	MLRIPVRKALVGLSKSPKGCVRTTATAASNLIIEVFVDGQSVMEPGTTVLQACEKVGMQIPRFCY HERLSVAGNCRMCLVEIEKAPKVVAACAMPVMKGWNILTNSEKSKKAREGVMEFLLANHPLDC PICDQGGECDLQDQSMFMGNDRSRFLE GKRAVEDKNIGPLVKTIMTRCIQCTRCIRFASEIAGVDD LGGTGRGNDMQVGTYIEKMFMSSELSGNIIDICPVGALT SKPYAFTARPWETRKTESIDVMDAVGSNI VVSTRTGEVMRILPRMHEDINEEWISDKTRFAYDGLKRQRLTEPMVRNEKGLLTYTSWEDALSRV AGMLQSFQGKDVA AIAGGLVDAEALVALKDLLNRVDSDTLCTEEVFPTAGAGTDLRSNYLLNTTIA GVVEADVLLVG TNPRFEAPLFNARIRKSWLHNDLKVALIGSPVDLTYYDHLGDSPKILQDIASGS HPFSQVLKEAKKPMVVLGSSALQRNDGAA ILAAVSSIAQKIRMTSGVTGDWKVMNILHRIASQVAA LDLGYKPGVEAIRKNPPKVLFLLGADGGCITRQDL PKDCFIIYQGHGHDVGAPIADVILPGAAYTEK SATYVNTEGRAQQTKVAVTPPGLAREDWKIIRALSEIAGMTLPYDTLDQVRNRLEEVS PNLVRYDDI EGANYFQQANELSKLVNQQLLADPLVPPQLTIKDFYMTDSISRASQTMACVKAVTEGAQAVEEP SIC
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

NDUFS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of NDUFS1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

NDUFS1 MaxPab rabbit polyclonal antibody. Western Blot analysis of NDUFS1 expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NDUFS1 expression in transfected 293T cell line ([H00004719-T02](#)) by NDUFS1 MaxPab polyclonal antibody.

Lane 1: NDUFS1 transfected lysate(79.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — NDUFS1

Entrez GeneID	4719
GeneBank Accession#	NM_005006.5
Protein Accession#	NP_004997.4
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

Pathway

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Disease

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