

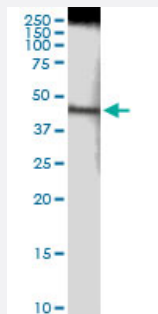
MaxPab®

NDUFS2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00004720-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of NDUFS2 transfected lysate using anti-NDUFS2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with NDUFS2 purified MaxPab mouse polyclonal antibody (B01P) ([H00004720-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NDUFS2 protein.
Immunogen	NDUFS2 (NP_004541.1, 1 a.a. ~ 463 a.a) full-length human protein.
Sequence	MAALRALCGFRGVAAQVLRPGAGVRLPIQPSRGVRQWQPDVEWAQQFGGAVMYPSEKTAHWK PPPWNVDVDPKDTVKNITLNFQHPAAHGVRLRLVMEISGEMVRKCDPHIGLLHRGTEKLEIYKT YLQALPYFDRLDYVSMCMNEQAYSLAVEKLLNIRPPRAQWIRVLFGEITRLNHIMAVTTHALDLG AMTPFFWLFEEREKMFEFYERVSARMHAAVIRPGGVHQDLPLGLMDDIYQFSKNFSLRLDELEE LLTNNRWRNRITDIGVVTAEALNYGFSGVMLRGSGIQWDLRKTQPYDVYDQVEFDVPVGSRGD CYDRYLCRVEEMRQSLRIIAQCLNKMPGGEIKVDDAKVSPPKRAEMKTSMESLIHHFKLYTEGYQV PPGATYTAIEAPKGEFGVYLVSDGSSRPYRCKIKAPGFAHLAGLDKMSKGHMLADVVAIGTQDIVF GEVDR
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

No additive

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — NDUFS2

Entrez GeneID[4720](#)**GeneBank Accession#**[NM_004550.3](#)**Protein Accession#**[NP_004541.1](#)**Gene Name**

NDUFS2

Gene Alias

-

Gene Description

NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)

Omim ID[252010 602985](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Mitochondrial complex I (NADH-ubiquinone reductase; EC 1.6.5.3) is the first multimeric complex of the respiratory chain that catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mammalian mitochondrial complex I is an assembly of at least 43 different subunits. Seven of the subunits are encoded by the mitochondrial genome; the remainder are the products of nuclear genes. The iron-sulfur protein (IP) fraction of complex I is made up of 7 subunits, including NDUFS2. See NDUFS1 (MIM 157655).[supplied by OMIM]

Other Designations

NADH dehydrogenase (ubiquinone) Fe-S protein 2|NADH-ubiquinone oxidoreductase Fe-S protein 2|NADH-ubiquinone oxidoreductase NDUFS2 subunit|OTTHUMP00000032241

Pathway

- [Metabolic pathways](#)

- [Oxidative phosphorylation](#)

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- [Diabetes Mellitus](#)
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- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
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