

Rabbit NDUFS2 Polyclonal Antibody | anti-NDUFS2 antibody

NDUFS2 Polyclonal Antibody

CATALOG # AAA311139	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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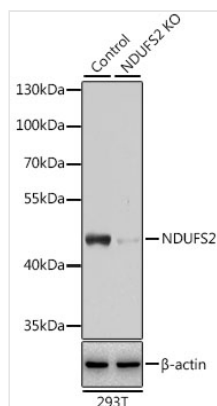
PRODUCT SYNONYMS

NDUFS2; Polyclonal Antibody; NDUFS2 Polyclonal Antibody; CI-49; NADH:ubiquinone oxidoreductase core subunit S2; anti-NDUFS2 antibody

PRODUCT SPECIFICATIONS

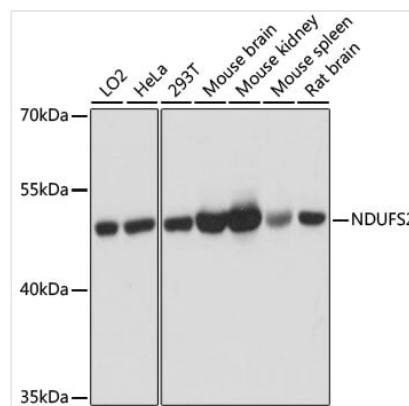
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-NDUFS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human NDUFS2 (NP_004541.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from normal (control) and NDUFS2 knockout (KO) 293T cells, using NDUFS2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NDUFS2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS2 antibody	The protein encoded by this gene is a core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (complex I). Mammalian mitochondrial complex I is composed of at least 43 different subunits, 7 of which are encoded by the mitochondrial genome, and the rest are the products of nuclear genes. The iron-sulfur protein fraction of complex I is made up of 7 subunits, including this gene product. Complex I catalyzes the NADH oxidation with concomitant ubiquinone reduction and proton ejection out of the mitochondria. Mutations in this gene are associated with mitochondrial complex I deficiency. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NDUFS2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758786
NCBI GeneID	4720
NCBI Accession #	NP_004541.1
NCBI GenBank Nucleotide #	NM_004550.4
UniProt Accession #	O75306; Q5VTW0; Q969P3; Q9UEV3; D3DVG7; J3KPM7
Molecular Weight	51,852 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)
NCBI Official Symbol	NDUFS2
NCBI Official Synonym Symbols	CI-49
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial; NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial; CI-49kD; complex I-49kD; complex I 49kDa subunit; NADH-ubiquinone oxidoreductase 49 kDa subunit; NADH-ubiquinone ox
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial
UniProt Gene Name	NDUFS2
UniProt Synonym Gene Names	CI-49kD
UniProt Entry Name	NDUS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufs2-antibody-immunohistochemistry-western-blot-elisa/311139>