

Rabbit NDUFS1 Polyclonal Antibody | anti-NDUFS1 antibody

NDUFS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306903	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NDUFS1; Polyclonal Antibody; NDUFS1 Antibody; CI-75k; CI-75Kd; PRO1304; anti-NDUFS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NDUFS1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	691
Applicable Applications for anti-NDUFS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NDUFS1.
Target Name	NDUFS1
Preparation and Storage	Store at -20 degree C

IMAGES



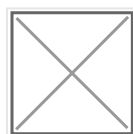
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cell using NDUFS1 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat testis using NDUFS1 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney using NDUFS1 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NDUFS1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS1 antibody	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. Several transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-NDUFS1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	316983154
NCBI GeneID	4719
NCBI Accession #	NP_001186910.1
NCBI GenBank Nucleotide #	NM_001199981.1
UniProt Accession #	P28331; Q53TR8; Q8N1C4; Q8TCC9; B4DIN9; B4DJA0; B4DPG1; B4DUC1; E7ENF3
Molecular Weight	75,375 Da
NCBI Official Full Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial isoform 2
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)
NCBI Official Symbol	NDUFS1
NCBI Official Synonym Symbols	CI-75k; CI-75Kd; PRO1304
NCBI Protein Information	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
UniProt Protein Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
UniProt Gene Name	NDUFS1
UniProt Synonym Gene Names	CI-75kD
UniProt Entry Name	NDUS1_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/ndufs1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306903>