Rabbit anti-Human, Mouse NDUFS1 Polyclonal Antibody | anti-NDUFS1 antibody

NDUFS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231635	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

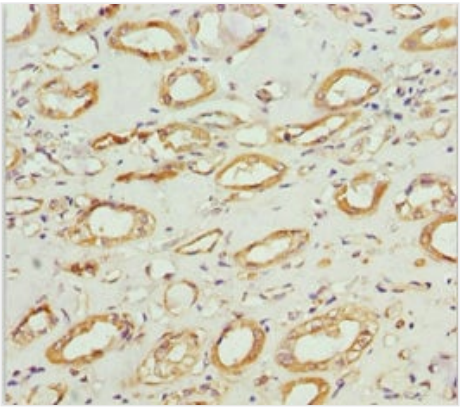
PRODUCT SYNONYMS

NDUFS1; Polyclonal Antibody; NDUFS1 Antibody; NADH-ubiquinone oxidoreductase 75 kDa subunit; mitochondrial; Complex I-75kD; CI-75kD; anti-NDUFS1 antibody

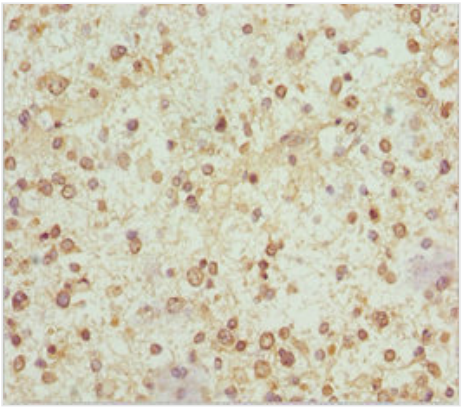
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	691
Applicable Applications for anti-NDUFS1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial protein (80-290AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-50131 / sc-50132 / sc-50133 / sc-50130
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

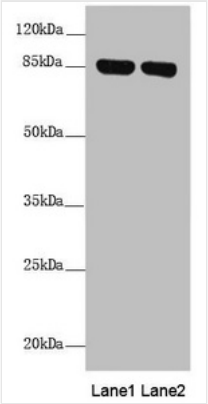
IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231635 at dilution 1:100



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human glioma cancer using AAA231635 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: NDUFS1 antibody at 2.41 ug/mlLane 1: Mouse heart tissueLane 2: Mouse kidney tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 80,81,68,74,76 kDaObserved band size: 79 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS1 antibody	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity). This 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.

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:ubiquinone oxidoreductase core subunit S1

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://www.aaabiotech.com/polyclonal/ndufs1-antibody-immunohistochemistry-western-blot-elisa/231635