

Rabbit anti-Human, Mouse NDUFV1 Polyclonal Antibody | anti-NDUFV1 antibody

NDUFV1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231045	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NDUFV1; Polyclonal Antibody; NDUFV1 Antibody; NADH dehydrogenase [ubiquinone] flavoprotein 1; mitochondrial; Complex I-51kD; CI-51kD; NADH dehydrogenase flavoprotein 1; NADH-ubiquinone oxidoreductase 51 kDa subunit; UQOR1; anti-NDUFV1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	455
Applicable Applications for anti-NDUFV1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial protein (N-250AA)
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-109597 / sc-133808
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



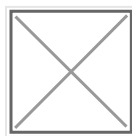
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA231045 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA231045 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: NDUFV1 antibody at 3.46ug/mlLane 1: Mouse kidney tissueLane 2: HT29 whole cell lysateLane 3: HepG-2 whole cell lysateGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 51,50 kDaObserved band size: 51 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFV1 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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	260656005
NCBI GeneID	4723
NCBI Accession #	NP_001159574.1
NCBI GenBank Nucleotide #	NM_001166102.1
UniProt Accession #	P49821; O60924; O60940; Q16104; Q6IBR3; Q96BF8; Q96HS7
Molecular Weight	49,868 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit V1
NCBI Official Symbol	NDUFV1
NCBI Official Synonym Symbols	UQOR1; CI-51K; CI51KD
NCBI Protein Information	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial
UniProt Gene Name	NDUFV1
UniProt Synonym Gene Names	UQOR1; CI-51kD
UniProt Entry Name	NDUV1_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/ndufv1-antibody-immunohistochemistry-western-blot-elisa/231045>