

Rabbit anti-Human, Mouse NDUFS3 Polyclonal Antibody | anti-NDUFS3 antibody

NDUFS3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230934	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

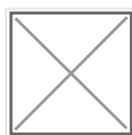
PRODUCT SYNONYMS

NDUFS3; Polyclonal Antibody; NDUF3 Antibody; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3; mitochondrial; Complex I-30kD; CI-30kD; NADH-ubiquinone oxidoreductase 30 kDa subunit; anti-NDUFS3 antibody

PRODUCT SPECIFICATIONS

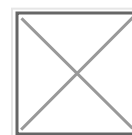
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	264
Applicable Applications for anti-NDUFS3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial protein (C-228AA)
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-83432 / sc-83434 / sc-292169
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



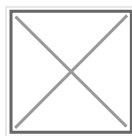
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA230934 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



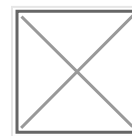
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA230934 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230934 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: NDUF3 antibody at 1.98ug/mlLane 1: Mouse brain tissueLane 2: Mouse skeletal muscle tissueLane 3: Mouse heart tissueSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 31,15 kDaObserved band size: 30 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS3 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 #	4758788
NCBI GeneID	4722
NCBI Accession #	NP_004542.1
NCBI GenBank Nucleotide #	NM_004551.2
UniProt Accession #	O75489; Q9UNQ8; B2R9J1; B4DFM8
Molecular Weight	14,679 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit S3
NCBI Official Symbol	NDUFS3
NCBI Official Synonym Symbols	CI-30
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial
UniProt Gene Name	NDUFS3
UniProt Synonym Gene Names	CI-30kD
UniProt Entry Name	NDUS3_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/ndufs3-antibody-immunohistochemistry-western-blot-elisa/230934>