

NDUFS3 recombinant antibody

NDUFS3 Antibody

CATALOG # AAA243846	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

NDUFS3; Monoclonal Recombinant Antibody; NDUFS3 Antibody; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3; mitochondrial (EC 1.6.5.3) (EC 1.6.99.3) (Complex I-30kD) (CI-30kD) (NADH-ubiquinone oxidoreductase 30 kDa subunit); NDUFS3 recombinant antibody

PRODUCT SPECIFICATIONS

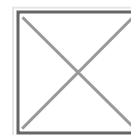
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	1H12
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for NDUFS3 recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human NDUFS3
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: 293 whole cell lysate, HepG2 whole cell lysate, All lanes: NDUFS3 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 31, 15 kDa Observed band size: 31 kDa

ADDITIONAL INFORMATION

Related Product Information for NDUFS3 recombinant 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
Molecular Weight	30,242 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 3, 30kDa (NADH-coenzyme Q reductase)
NCBI Official Symbol	NDUFS3
NCBI Official Synonym Symbols	CI-30
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial; NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial; CI-30kD; complex I-30kD; complex I 30kDa subunit; NADH dehydrogenase-ubiquinone 30 kDa subunit; NADH-ubiquinone oxi
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/monoclonal/ndufs3-recombinant-antibody-clone-1h12-immunohistochemistry-western-blot-elisa/243846>