

Rabbit anti-Human NDUFS8 Polyclonal Antibody | anti-NDUFS8 antibody

Rabbit anti-NDUFS8 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213265	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

NDUFS8; Polyclonal Antibody; Rabbit anti-NDUFS8 Antibody; Affinity Purified; TYKY; TYKY subunit; NADH-ubiquinone oxidoreductase 23 kDa subunit; NADH dehydrogenase [ubiquinone] iron-sulfur protein 8; mitochondrial; NADH dehydrogenase (ubiquinone) Fe-S protein 8; 23kDa (NADH-coenzyme Q reductase); complex I 23kDa subunit; CI-23kD; CI-23k; CI23KD; complex I-23kD; NADH:ubiquinone oxidoreductase core subunit S8; anti-NDUFS8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-NDUFS8 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Gorilla, Chimpanzee
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human NDUFS8 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-NDUFS8 antibody AAA213265 (lot AAA213265-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human NDUFS8 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NDUFS8 antibody AAA213265 (lot AAA213265-1) used for IP at 6 ug per reaction. NDUFS8 was also immunoprecipitated by rabbit anti-NDUFS8 antibody For blotting immunoprecipitated NDUFS8, AAA213265 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS8 antibody

NDUFS8 is a subunit of mitochondrial NADH:ubiquinone oxidoreductase, or Complex I, a multimeric enzyme of the respiratory chain responsible for NADH oxidation, ubiquinone reduction, and the ejection of protons from mitochondria. NDUFS8 is involved in the binding of two of the six to eight iron-sulfur clusters of Complex I and, as such, is required in the electron transfer process [taken from NCBI Entrez Gene (Gene ID: 4728)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505371
NCBI GeneID	4728
NCBI Accession #	NP_002487.1
NCBI GenBank Nucleotide #	NM_002496.3
UniProt Accession #	O00217; Q0VDA8; B2RB86
Molecular Weight	23,705 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit S8
NCBI Official Symbol	NDUFS8
NCBI Official Synonym Symbols	TYKY; CI-23k; CI23KD
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial
UniProt Gene Name	NDUFS8
UniProt Synonym Gene Names	CI-23kD
UniProt Entry Name	NDUS8_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/ndufs8-antibody-immunoprecipitation-western-blot-elisa/213265>