Rabbit NDUFV2 Polyclonal Antibody | anti-NDUFV2 antibody

NDUFV2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324872	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

NDUFV2; Polyclonal Antibody; NDUFV2 Antibody; 24kDa subunit of Complex I; CI-24k; complex I 24kDa subunit; complex I; mitochondrial respiratory 2; mitochondrial; NADH dehydrogenase (ubiquinone) flavoprotein 2; 24kDa; NADH dehydrogenase [ubiquinone] flavoprotein 2; NADH ubiquinone oxidoreductase 24 kDa subunit; NADH-ubiquinone oxidoreductase 24 kDa subunit; NADH-ubiquinone oxidoreductase flavoprotein 2; NDUV2_HUMAN; nuclear-encoded mitochondrial NADH-ubiquinone reductase 24Kd subunit; Ubiquinoneflavoprotein 2; mitochondrial precursor; anti-NDUFV2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NDUFV2 antibody detects endogenous levels of total NDUFV2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	249
Applicable Applications for anti-NDUFV2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	**Pig, Zebrafish, Bovine, Horse, Rabbit**
Similarity	Pig (100%), Zebrafish (100%), Bovine (91%), Horse (100%), Rabbit (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of extracts from Jurkat cells using NDUFV2 antibody.

WB (Western Blot)
Western blot analysis of NDUFV2 expression in various lysates

IF (Immunofluorescence)
AAA324872 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFV2 antibody	Function: 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). Subunit Structure: Complex I is composed of 45 different subunits. This is a component of the flavoprotein-sulfur (FP) fragment of the enzyme. Similarity: Belongs to the complex I 24 kDa subunit family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222080062
NCBI GeneID	4729
NCBI Accession #	NP_066552.2
NCBI GenBank Nucleotide #	NM_021074.4
UniProt Accession #	P19404; Q9BV41
Molecular Weight	Observed: 27 kD Predicted: 28 kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit V2
NCBI Official Symbol	NDUFV2
NCBI Official Synonym Symbols	CI-24k
NCBI Protein Information	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial
UniProt Gene Name	**NDUFV2**

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/ndufv2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324872