

Rabbit anti-Human NDUFB9 Polyclonal Antibody | anti-NDUFB9 antibody

NDUFB9 Antibody

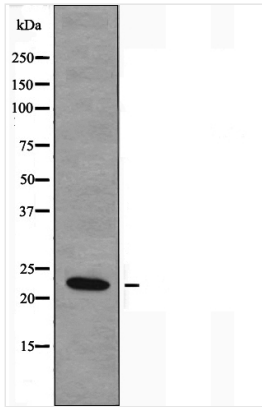
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324871	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

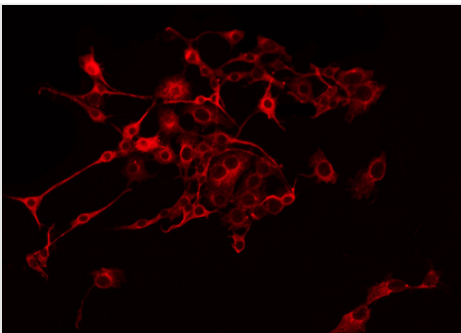
NDUFB9; Polyclonal Antibody; NDUFB9 Antibody; B22; CI B22; CI-B22; complex I B22 subunit; Complex I-B22; DKFZp566O173; FLJ22885; I B22; LYR motif containing protein 3; LYR motif-containing protein 3; LYRM3; NADH dehydrogenase (ubiquinone) 1 beta subcomplex; 9; 22kDa; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; NADH ubiquinone oxidoreductase B22 subunit; NADH-ubiquinone oxidoreductase B22 subunit; NDUB9_HUMAN; Ndufb9; UQOR22; anti-NDUFB9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NDUFB9 antibody detects endogenous levels of total NDUFB9
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	168
Applicable Applications for anti-NDUFB9 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Mitochondrion
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (91%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (91%), Chicken (91%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from COLO cells using NDUFB9 antibody.



IF (Immunofluorescence)
AAA324871 staining COLO205 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-NDUFB9 antibody	Function: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed to be not involved in 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. Subunit Structure: Mammalian complex I is composed of 45 different subunits. Similarity: Belongs to the complex I LYR family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	906394182
NCBI GeneID	4715
NCBI Accession #	NP_001298097.1
NCBI GenBank Nucleotide #	NM_001311168.1
UniProt Accession #	Q9Y6M9; Q9UQE8; B2R8M6
Molecular Weight	Observed: 22 kD Predicted: 22 kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit B9
NCBI Official Symbol	NDUFB9
NCBI Official Synonym Symbols	B22; LYRM3; CI-B22; UQOR22
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
UniProt Gene Name	NDUFB9
UniProt Synonym Gene Names	LYRM3; UQOR22; CI-B22

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.