

Rabbit anti-Human NDUFB10 Polyclonal Antibody | anti-NDUFB10 antibody

NDUFB10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324870	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

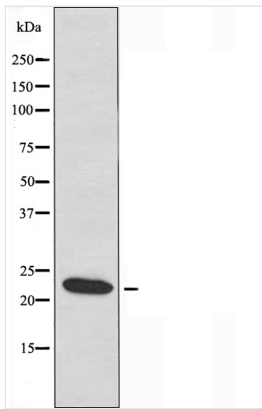
PRODUCT SYNONYMS

NDUFB10; Polyclonal Antibody; NDUFB10 Antibody; 0610011B04Rik; 22kDa; CI PDSW; CI-PDSW; Complex I PDSW; Complex I PDSW subunit; Complex I-PDSW; NADH dehydrogenase (ubiquinone) 1 beta subcomplex 10 22kDa; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10; NADH ubiquinone oxidoreductase PDSW subunit; NADH-ubiquinone oxidoreductase PDSW subunit; NDUBA_HUMAN; NDUFB 10; Ndubf10; PDSW; anti-NDUFB10 antibody

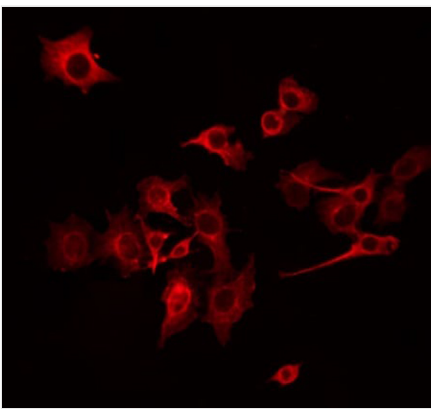
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	NDUFB10 antibody detects endogenous levels of total NDUFB10
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	172
Applicable Applications for anti-NDUFB10 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, Sheep, Dog, Xenopus
Similarity	Pig (91%), Zebrafish (91%), Bovine (91%), Horse (91%), Sheep (100%), Dog (91%), Xenopus (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 COLO cells using NDUFB10 antibody.



IF (Immunofluorescence)
AAA324870 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-NDUFB10 antibody	Function: Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be 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: Complex I is composed of 45 different subunits. Similarity: Belongs to the complex I NDUFB10 subunit family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758774
NCBI GeneID	4716
NCBI Accession #	NP_004539.1
NCBI GenBank Nucleotide #	NM_004548.2
UniProt Accession #	O96000; Q96II6
Molecular Weight	Observed: 24 kD Predicted: 21 kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase subunit B10
NCBI Official Symbol	NDUFB10
NCBI Official Synonym Symbols	PDSW
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10
UniProt Gene Name	NDUFB10
UniProt Synonym Gene Names	CI-PDSW

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.