Rabbit NDUFS1 Polyclonal Antibody | anti-NDUFS1 antibody

Rabbit anti-NDUFS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223275	**Rabbit**	**Human, Mouse, Rat, Bovine, Monkey**	**Immunofluorescence, Western Blot**

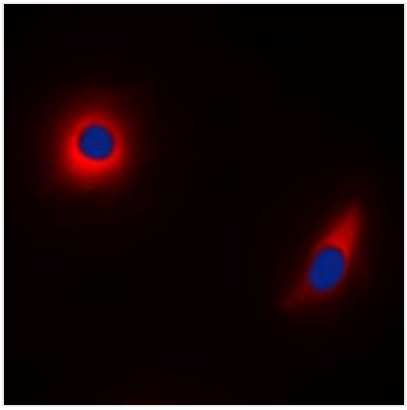
PRODUCT SYNONYMS

NDUFS1; Polyclonal Antibody; Rabbit anti-NDUFS1 Antibody; NADH-ubiquinone oxidoreductase 75 kDa subunit; mitochondrial; Complex I-75kD; CI-75kD; anti-NDUFS1 antibody

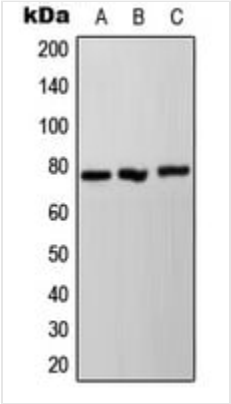
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NDUFS1 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NDUFS1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of NDUFS1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)
Western blot analysis of NDUFS1 expression in HeLa (A), SP2/0 (B), PC12 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-NDUFS1 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	316983154
NCBI GeneID	4719
NCBI Accession #	NP_001186910.1
NCBI GenBank Nucleotide #	NM_001199981.1
UniProt Accession #	P28331; Q91VD9; Q66HF1
Molecular Weight	79 kD
NCBI Official Full Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial isoform 2
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)
NCBI Official Symbol	NDUFS1
NCBI Official Synonym Symbols	CI-75k; CI-75Kd; PRO1304
NCBI Protein Information	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial; complex I 75kDa subunit; complex I, mitochondrial respiratory chain, 75-kD subunit; mitochondrial NADH-ubiquinone oxidoreductase 75 kDa subunit
UniProt Protein Name	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial
UniProt Gene Name	**NDUFS1**
UniProt Synonym Gene Names	CI-75kD
UniProt Entry Name	NDUS1_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://www.aaabiotech.com/polyclonal/ndufs1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/223275