

Rabbit NDUFS7 Polyclonal Antibody | anti-NDUFS7 antibody

NDUFS7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323125	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NDUFS7; Polyclonal Antibody; NDUFS7 Antibody; CI 20; CI-20kD; Complex I 20kDa subunit; Complex I mitochondrial respiratory chain 20 KD subunit; Complex I-20kD; FLJ45860; FLJ46880; MGC120002; MY017; NADH coenzyme Q reductase; NADH dehydrogenase (ubiquinone) Fe S protein 7 20kDa (NADH coenzyme Q reductase); NADH dehydrogenase (ubiquinone) FeS protein 7; 20kDa (NADHcoenzyme Q reductase); NADH dehydrogenase (ubiquinone) FeS protein7; NADH dehydrogenase [ubiquinone] iron-sulfur protein 7; mitochondrial; NADH-ubiquinone oxidoreductase 20 kDa subunit; NADH:ubiquinone oxidoreductase PSST subunit; NADHcoenzyme Q reductase; Ndufs7; NDUS7_HUMAN; PSST; PSST subunit; anti-NDUFS7 antibody

PRODUCT SPECIFICATIONS

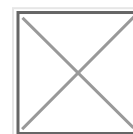
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NDUFS7 antibody detects endogenous levels of NDUFS7.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	213
Applicable Applications for anti-NDUFS7 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NDUFS7, corresponding to a region within the internal amino acids.
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 K-562 cells, using NDUFS7 Antibody. The lane on the left was treated with blocking peptide.



IHC (Immunohistochemistry)

AAA323125 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA323125 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA323125 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS7 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.
	Similarity: Belongs to the complex I 20 kDa subunit family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	187281616
NCBI GeneID	374291
NCBI Accession #	NP_077718.3
NCBI GenBank Nucleotide #	NM_024407.4
UniProt Accession #	O75251; Q2T9H7; Q9BV17; B3KRI2
Molecular Weight	20 kDa
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH:ubiquinone oxidoreductase core subunit S7
NCBI Official Symbol	NDUFS7
NCBI Official Synonym Symbols	PSST; CI-20; MY017; CI-20KD
NCBI Protein Information	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
UniProt Gene Name	NDUFS7
UniProt Synonym Gene Names	CI-20kD

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/ndufs7-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323125>