

Rabbit NDUFS7 Polyclonal Antibody | anti-NDUFS7 antibody

NDUFS7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177703	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

NDUFS7; Polyclonal Antibody; NDUFS7 Polyclonal Antibody; CI-20; CI-20KD; MY017; PSST; anti-NDUFS7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NDUFS7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human NDUFS7 (NP_0777183)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



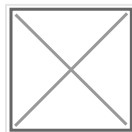
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using NDUFS7 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using NDUFS7 Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using NDUFS7 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS7 antibody	This gene encodes a protein that is a subunit of one of the complexes that forms the mitochondrial respiratory chain. This protein is one of over 40 subunits found in complex I, the nicotinamide adenine dinucleotide (NADH):ubiquinone oxidoreductase. This complex functions in the transfer of electrons from NADH to the respiratory chain, and ubiquinone is believed to be the immediate electron acceptor for the enzyme. Mutations in this gene cause Leigh syndrome due to mitochondrial complex I deficiency, a severe neurological disorder that results in bilaterally symmetrical necrotic lesions in subcortical brain regions.
Product Categories/Family for anti-NDUFS7 antibody	Cancer; Metabolism; Neuroscience; Signal Transduction; Polyclonal Antibody

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	22,203 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (NADH-coenzyme Q reductase)
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; NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial; PSST subunit; complex I-20kD; complex I 20kDa subunit; NADH-coenzyme Q reductase; NADH:ubiquinone oxidoreductase PS
UniProt Protein Name	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial
UniProt Gene Name	NDUFS7
UniProt Synonym Gene Names	CI-20kD
UniProt Entry Name	NDUS7_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://stage.aaabiotech.com/polyclonal/ndufs7-antibody-immunofluorescence-immunohistochemistry-elisa/177703>