

Rabbit NDUFS5 Polyclonal Antibody | anti-NDUFS5 antibody

[KD Validated] NDUFS5 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282193	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

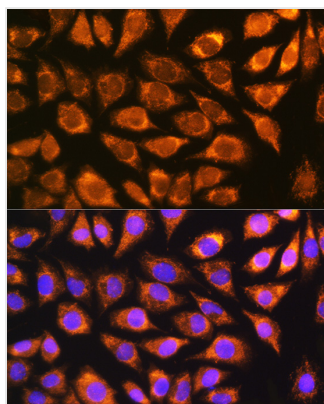
PRODUCT SYNONYMS

NDUFS5; Polyclonal Antibody; [KD Validated] NDUFS5 Rabbit pAb; CI-15k; CI15K; NADH:ubiquinone oxidoreductase subunit S5; anti-NDUFS5 antibody

PRODUCT SPECIFICATIONS

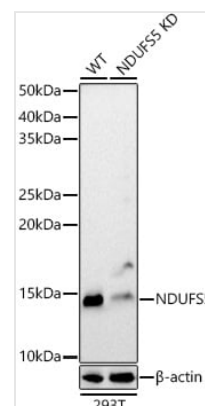
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-NDUFS5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	293T
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-106 of human NDUF55 (NP_004543.1).
Cellular Location	Mitochondrion, Mitochondrion inner membrane, Mitochondrion intermembrane space, Peripheral membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using NDUF55 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts from wild type (WT) and NDUF55 knockdown (KD) 293T cells, using NDUF55 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUFS5 antibody	This gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 1, 4 and 17.
Product Categories/Family for anti-NDUFS5 antibody	Signal Transduction; Endocrine & Metabolism; Mitochondrial metabolism; Mitochondrial markers; Oxidative phosphorylation; Neuroscience; Neurodegenerative Diseases; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506289
NCBI GeneID	5770
NCBI Accession #	NP_002818.1
NCBI GenBank Nucleotide #	NM_002827.2
UniProt Accession #	P18031; Q5TGD8; Q9BQV9; Q9NQQ4
Molecular Weight	49,967 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type 1
NCBI Official Synonym Full Names	protein tyrosine phosphatase, non-receptor type 1
NCBI Official Symbol	PTPN1
NCBI Official Synonym Symbols	PTP1B
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type 1; protein tyrosine phosphatase 1B; protein-tyrosine phosphatase 1B; protein tyrosine phosphatase, placental
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type 1
UniProt Gene Name	PTPN1
UniProt Synonym Gene Names	PTP1B; PTP-1B
UniProt Entry Name	PTN1_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/ndufs5-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282193>