

Rabbit anti-Human NDUFS5 Polyclonal Antibody | anti-NDUFS5 antibody

NDUFS5 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282273	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Western Blot

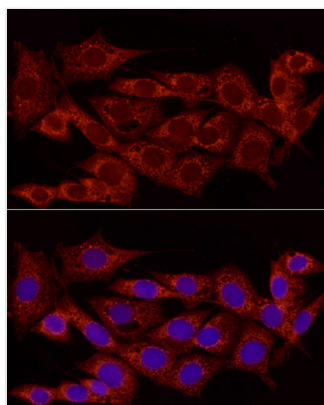
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

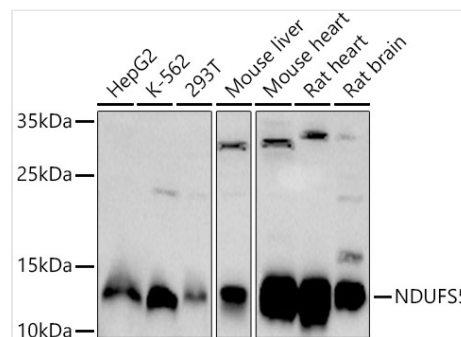
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	ANHQVRTRIK RSRKLADSNF KDLRTLNET PEQIKYILAQ YNTTKDKAFT DLNSINSVLG GGILDRLRPN IIPVLDEIKS MATAKETKE ALENMNSTLK SLHQSTQLS SSLTSVKTSL RSSLNDPLCL VHPSSSETCNS IRLSLSQLNS NPELRQLPPV DAELDNVNNV LRTDLGLVQ QGYQSLNDIP DRVQRQTTTV VAGIKRVLNS IGSDIDNVTQ RLPIQDILSA FSVYVNNTES YIHRNLPTLE EYDSY
Applicable Applications for anti-NDUFS5 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-106 of human NDUFS5 (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 NIH/3T3 cells using [KO Validated] NDUFS5 Rabbit pAb at dilution of 1:150 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NDUFS5 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: 90s.

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 #	13124442
NCBI GeneID	8842
UniProt Accession #	O43490; Q6SV49; Q6SV50; Q6SV51; Q6SV52; Q6SV53; Q96EN6
Molecular Weight	97kDa
NCBI Official Full Name	Prominin-1
NCBI Official Synonym Full Names	prominin 1
NCBI Official Symbol	PROM1
NCBI Official Synonym Symbols	RP41; AC133; CD133; MCDR2; STGD4; CORD12; PROML1; MSTP061
NCBI Protein Information	prominin-1; hProminin; antigen AC133; prominin-like protein 1; hematopoietic stem cell antigen
UniProt Protein Name	Prominin-1
UniProt Gene Name	PROM1
UniProt Synonym Gene Names	PROML1
UniProt Entry Name	PROM1_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/282273>