

Rabbit NDUF9 Polyclonal Antibody | anti-NDUF9 antibody

NDUF9 Rabbit pAb

CATALOG # AAA281790	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

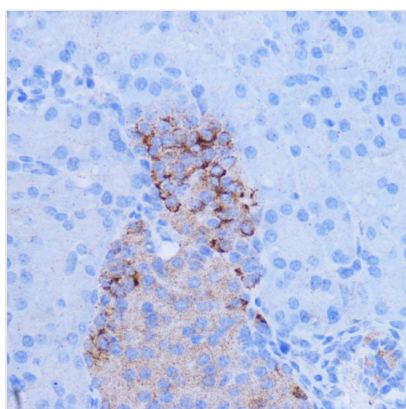
PRODUCT SYNONYMS

NDUF9; Polyclonal Antibody; NDUF9 Rabbit pAb; B22; CI-B22; LYRM3; UQOR22; anti-NDUF9 antibody

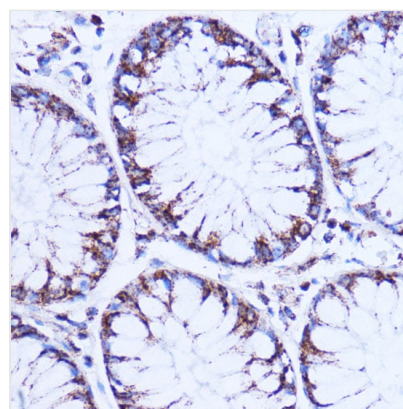
PRODUCT SPECIFICATIONS

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-NDUF9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic Peptide of human NDUF9.
Cellular Location	Matrix side, Mitochondrion inner membrane, Peripheral membrane protein
Positive Samples	U-87MG, HepG2, HeLa, Mouse brain, Rat kidney, Rat heart, Rat brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

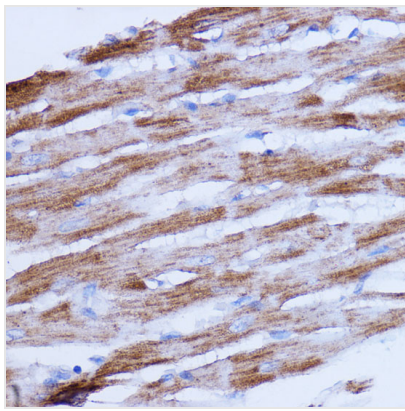
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse pancreas using NDUF9 antibody at dilution of 1:100 (40x lens).

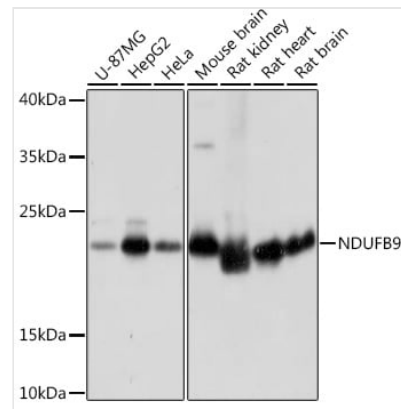

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using NDUF9 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using NDUF9 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NDUF9 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-NDUF9 antibody	Background: The protein encoded by this gene is a subunit of the mitochondrial oxidative phosphorylation complex I (nicotinamide adenine dinucleotide: ubiquinone oxidoreductase). Complex I is localized to the inner mitochondrial membrane and functions to dehydrogenate nicotinamide adenine dinucleotide and to shuttle electrons to coenzyme Q. Complex I deficiency is the most common defect found in oxidative phosphorylation disorders and results in a range of conditions, including lethal neonatal disease, hypertrophic cardiomyopathy, liver disease, and adult-onset neurodegenerative disorders. Pseudogenes of this gene are found on chromosomes five, seven and eight. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-NDUF9 antibody	Endocrine & Metabolism ; Mitochondrial metabolism ; Oxidative phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	6274550
NCBI GeneID	4715
NCBI Accession #	NP_004996.1
NCBI GenBank Nucleotide #	NM_005005.2
UniProt Accession #	Q9Y6M9; Q9UQE8; B2R8M6
Molecular Weight	21,831 Da
NCBI Official Full Name	NADH dehydrogenase
NCBI Official Synonym Full Names	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9, 22kDa
NCBI Official Symbol	NDUF9
NCBI Official Synonym Symbols	B22; LYRM3; UQOR22
NCBI Protein Information	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9; CI-B22; complex I-B22; complex I B22 subunit; LYR motif-containing protein 3; NADH-ubiquinone oxidoreductase B22 subunit
UniProt Protein Name	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9
UniProt Gene Name	NDUF9
UniProt Synonym Gene Names	LYRM3; UQOR22; CI-B22
UniProt Entry Name	NDUB9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ndufb9-antibody-immunohistochemistry-western-blot-elisa/281790>