

NDUFB9 Rabbit Polyclonal Antibody

Catalog No: #29305

Package Size: #29305-1 50ul #29305-2 100ul

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Description

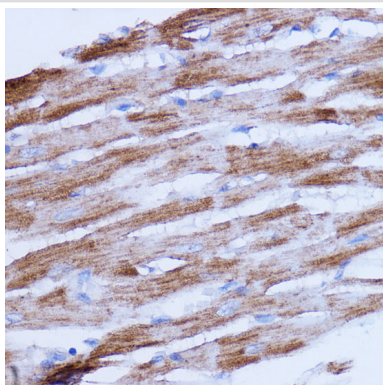
Product Name	NDUFB9 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic Peptide of human NDUFB9.
Other Names	NDUFB9;B22;CI-B22;LYRM3;UQOR22
Accession No.	Swiss Prot:Q9Y6M9GeneID:4715
Calculated MW	21kDa
Formulation	Buffer: PBS with 0.02% sodium azide, pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

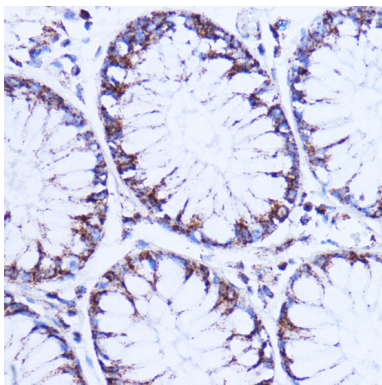
WB□1:500 - 1:1000

IHC□1:50 - 1:200

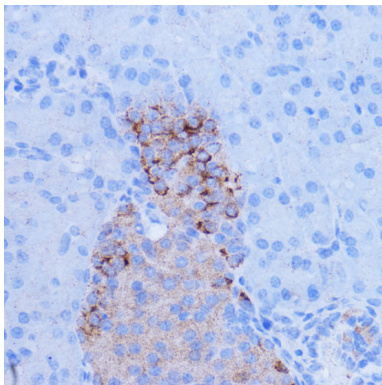
Images



Immunohistochemistry of paraffin-embedded rat heart using NDUFB9 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human colon using NDUFB9 at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse pancreas using NDUFB9 at dilution of 1:100 (40x lens).

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.