

NDUFB9 Rabbit Polyclonal Antibody

Catalog No: #29305



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

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

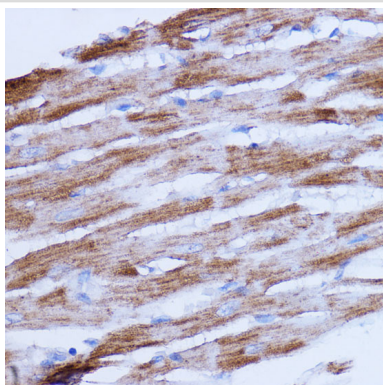
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|-----------------------|---|
| Product Name | NDUFB9 Rabbit Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB,IHC |
| Species Reactivity | Human,Mouse,Rat |
| 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

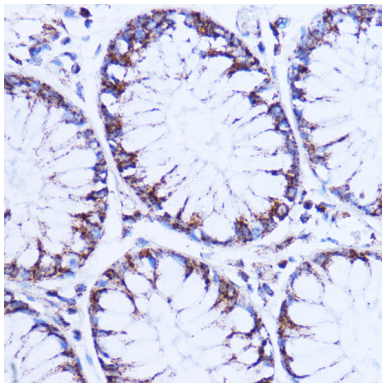
WB □ 1:500 - 1:1000

IHC □ 1:50 - 1:200

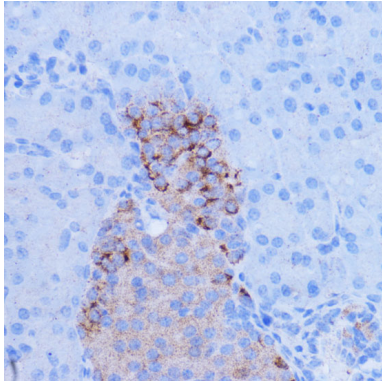
Images



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.