Datasheet for ABIN7264181

anti-MT-ND5 antibody

5 Images

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Overview

Quantity:	200 µL
Target:	MT-ND5
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MT-ND5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthetic peptide of mouse MT-ND5 (NP_904338.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MT-ND5
Alternative Name:	MT-ND5 (MT-ND5 Products)
Background:	MT-ND5 (Mitochondrially Encoded NADH:Ubiquinone Oxidoreductase Core Subunit 5) is a Protein Coding gene. Diseases associated with MT-ND5 include Mitochondrial Myopathy, Encephalopathy, Lactic Acidosis, And Stroke-Like Episodes and Leigh Syndrome. Among its related pathways are GABAergic synapse and Respiratory electron transport, ATP synthesis by

Target Details

	chemiosmotic coupling, and heat production by uncoupling proteins.. Gene Ontology (GO) annotations related to this gene include NADH dehydrogenase (ubiquinone) activity. An important paralog of this gene is MT-ND4.
Molecular Weight:	Observed_MW: 67 kDa Calculated_MW: 68 kDa
Gene ID:	17721
UniProt:	P03915

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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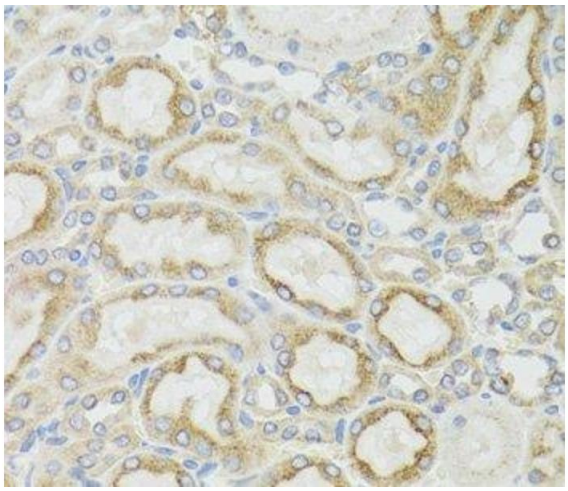
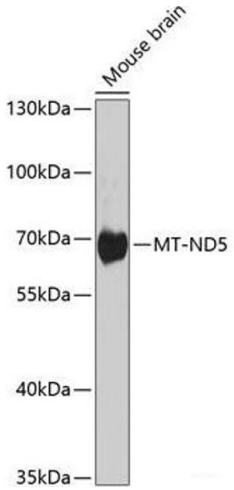


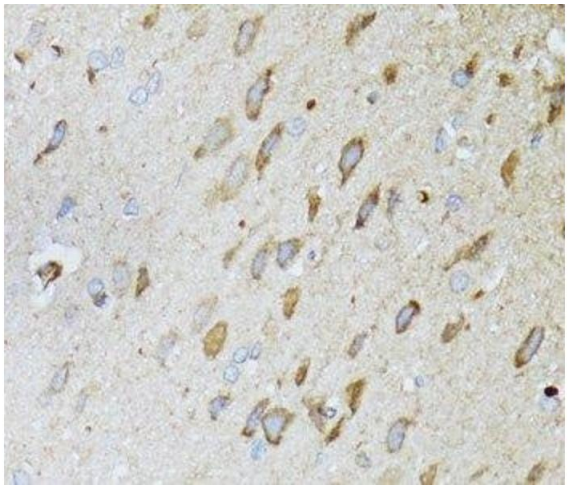
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Rat kidney using MT-ND5 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using MT-ND5 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat brain using MT-ND5 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 5 images are available for ABIN7264181.

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