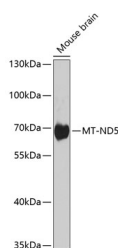


MT-ND5 Polyclonal Antibody

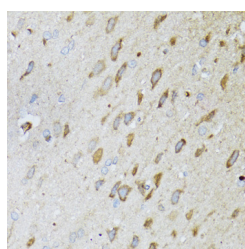
| | | | |
|---------------------|---|-------------------|--------|
| Catalog No. | E-AB-62129 | Reactivity | H,M,R |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. | Host | Rabbit |
| Applications | WB,IHC | Isotype | IgG |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

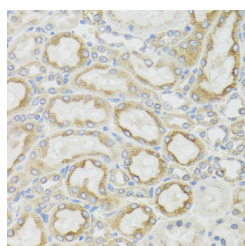
Images



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



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



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

Immunogen Information

| | |
|------------------|--|
| Immunogen | A synthetic peptide of mouse MT-ND5 (NP_904338.1). |
| GeneID | 17721 |
| Swissprot | P03915 |
| Synonyms | MT-ND5,MTND5,ND5 |

Product Information

| | |
|----------------------|---|
| Calculated MW | 68kDa |
| Observed MW | 67kDa |
| Buffer | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Purify | Affinity purification |
| Dilution | WB 1:500-1:2000 IHC 1:50-1:200 |

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 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.