

Rabbit MT-ND1 Polyclonal Antibody | anti-MT-ND1 antibody

MT-ND1 Polyclonal Antibody

CATALOG # AAA169097	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

MT-ND1; Polyclonal Antibody; MT-ND1 Polyclonal Antibody; MTND1; ND1; anti-MT-ND1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Applicable Applications for anti-MT-ND1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human MT-ND1
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human brain using MT-ND1 Polyclonal Antibody at dilution of 1:50


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using MT-ND1 Polyclonal Antibody at dilution of 1:50


WB (Western Blot)

Western Blot analysis of HeLa cell using MT-ND1 Polyclonal Antibody at dilution of 1:450

ADDITIONAL INFORMATION

Related Product Information for anti-MT-ND1 antibody	NADH: ubiquinone oxidoreductase (complex I) is an extremely complicated multiprotein complex located in the inner mitochondrial membrane. Human complex I is important for energy metabolism because its main function is to transport electrons from NADH to ubiquinone, which is accompanied by translocation of protons from the mitochondrial matrix to the intermembrane space. Human complex I appears to consist of 41 subunits. A small number of complex I subunits are the products of mitochondrial genes (subunits 1-7), while the remainder are nuclear encoded and imported from the cytoplasm. NADH dehydrogenase subunit 1 (ND1) binds rotenone and rotenone analogs and might be involved in electron transfer to ubiquinone. Mutations in the ND1 gene may be implicated in several disorders, including Leber hereditary optic neuropathy, Alzheimer disease, and Parkinson disease.
Product Categories/Family for anti-MT-ND1 antibody	Epigenetics

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P03886
Molecular Weight	36kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mt-nd1-antibody-immunohistochemistry-western-blot-elisa/169097>