

Rabbit MT-ND6 Polyclonal Antibody | anti-MT-ND6 antibody

MT-ND6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328057	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

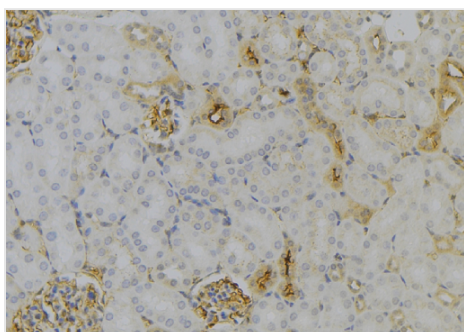
PRODUCT SYNONYMS

MT-ND6; Polyclonal Antibody; MT-ND6 Antibody; Mitochondrially encoded NADH dehydrogenase 6; MT ND6; mtND6; NADH dehydrogenase subunit 6 (complex I); NADH ubiquinone oxidoreductase chain 6; NADH Ubiquinone Oxidoreductase subunit ND6; NADH6; ND6; anti-MT-ND6 antibody

PRODUCT SPECIFICATIONS

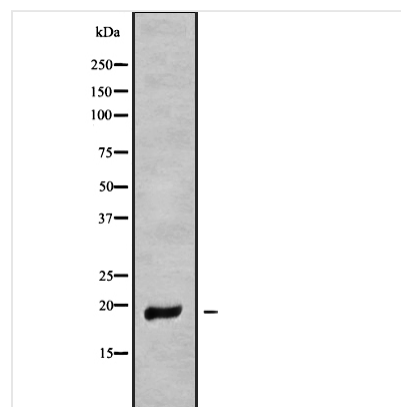
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MT-ND6 antibody detects endogenous levels of total MT-ND6
Purity/Purification	Peptide affinity purification
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	174
Applicable Applications for anti-MT-ND6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MT-ND6, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C.

IMAGES



IHC (Immunohistochemistry)

AAA328057 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of MT-ND6 using HepG2 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MT-ND6 antibody	Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251831118
NCBI GeneID	4541
NCBI Accession #	YP_003024037.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P03923; Q34774; Q8HG30
Molecular Weight	19 kDa
NCBI Official Full Name	NADH dehydrogenase subunit 6 (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded NADH dehydrogenase 6
NCBI Official Symbol	MT-ND6
NCBI Official Synonym Symbols	MTND6; ND6
NCBI Protein Information	NADH dehydrogenase, subunit 6 (complex I)
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 6
UniProt Gene Name	MT-ND6
UniProt Synonym Gene Names	MTND6; NADH6; ND6

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://www.aaabiotech.com/polyclonal/mt-nd6-antibody-immunohistochemistry-western-blot-elisa/328057>