

Rabbit anti-Human, Mouse MT-ND4L Polyclonal Antibody | anti-MT-ND4L antibody

MT-ND4L Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328056	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

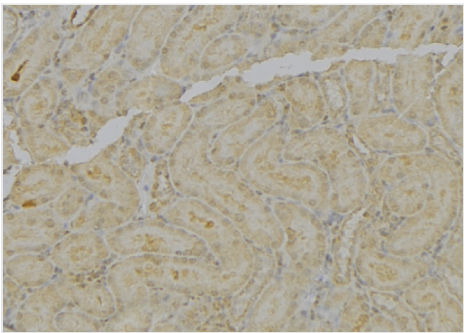
PRODUCT SYNONYMS

MT-ND4L; Polyclonal Antibody; MT-ND4L Antibody; anti-MT-ND4L antibody

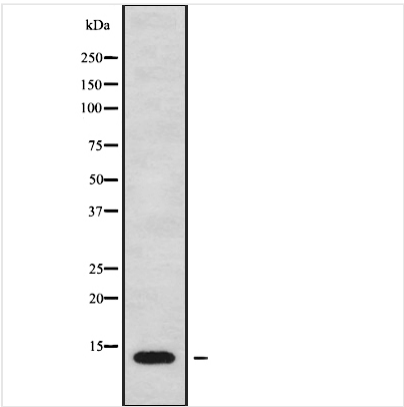
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MT-ND4L antibody detects endogenous levels of total MT-ND4L
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
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	98
Applicable Applications for anti-MT-ND4L antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MT-ND4L
Subcellular Location	Mitochondrion Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (89%), Bovine (89%), Horse (89%), Sheep (89%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328056 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-ND4L using MCF7 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-MT-ND4L antibody	Function: 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). Similarity: Belongs to the complex I subunit 4L family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	251831115
NCBI GeneID	4539
NCBI Accession #	YP_003024034.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P03901
Molecular Weight	Observed: 11 kDa Predicted: 11 kDa
NCBI Official Full Name	NADH dehydrogenase subunit 4L (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded NADH 4L dehydrogenase
NCBI Official Symbol	MT-ND4L
NCBI Official Synonym Symbols	MTND4L; ND4L
NCBI Protein Information	NADH dehydrogenase, subunit 4L (complex I)
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 4L
UniProt Gene Name	MT-ND4L
UniProt Synonym Gene Names	MTND4L; NADH4L; ND4L

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.