

anti-Human MT-ND1 Antibody | anti-MT-ND1 antibody

MT-ND1 Antibody

CATALOG # AAA110517	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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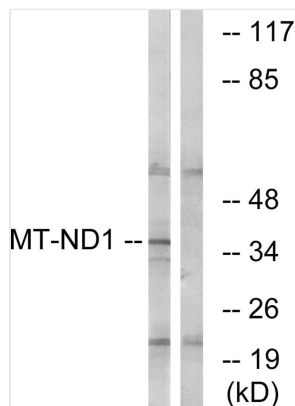
PRODUCT SYNONYMS

MT-ND1; MT-ND1 Antibody; NADH-ubiquinone oxidoreductase chain 1; EC 1.6.5.3; NADH dehydrogenase subunit 1; MTND1; NADH1; ND1; anti-MT-ND1 antibody

PRODUCT SPECIFICATIONS

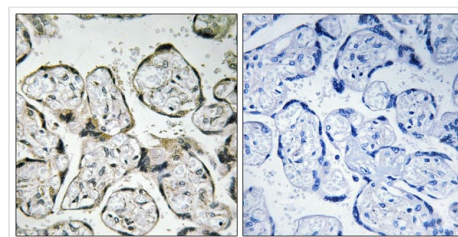
Reactivity	Human
Specificity	MT-ND1 antibody detects endogenous levels of total MT-ND1 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	318
Applicable Applications for anti-MT-ND1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human MT-ND1.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using MT-ND1 antibody. Western blot analysis of extracts from Jurkat cells, using MT-ND1 antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-MT-ND1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Anderson S., Nature 290:457-465(1981). Horai S., Proc. Natl. Acad. Sci. U.S.A. 92:532-536(1995). Moilanen J.S., Mol. Biol. Evol. 20:2132-2142(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	251831107
NCBI GeneID	4535
NCBI Accession #	YP_003024026.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P03886; Q37523; C0JKH6
Molecular Weight	35,661 Da
NCBI Official Full Name	NADH dehydrogenase subunit 1 (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded NADH dehydrogenase 1
NCBI Official Symbol	MT-ND1
NCBI Official Synonym Symbols	MTND1; ND1
NCBI Protein Information	NADH dehydrogenase, subunit 1 (complex I)
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 1
UniProt Gene Name	MT-ND1
UniProt Synonym Gene Names	MTND1; NADH1; ND1

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/human-antibody/mt-nd1/110517>