

Rabbit anti-Mouse, Rat MT-ND2 Polyclonal Antibody | anti-MT-ND2 antibody

MT-ND2 Polyclonal Antibody

CATALOG # AAA280961	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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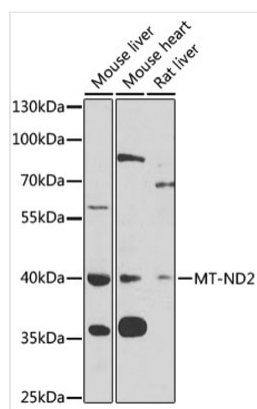
PRODUCT SYNONYMS

MT-ND2; Polyclonal Antibody; MT-ND2 Polyclonal Antibody; MTND2; ND2; anti-MT-ND2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	345
Applicable Applications for anti-MT-ND2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of mouse MT-ND2 (NP_904329.1).
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MT-ND2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-MT-ND2 antibody	ND2, also named as MTND2, NADH2 and ND2, belongs to the complex I subunit 2 family. ND2 is a 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.
Product Categories/Family for anti-MT-ND2 antibody	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	81917612
NCBI GeneID	17717
UniProt Accession #	Q9MD59
Molecular Weight	Observed MW: 38kDa Calculated MW: 38kDa
NCBI Official Full Name	NADH dehydrogenase subunit 2
NCBI Official Synonym Full Names	NADH dehydrogenase 2, mitochondrial
NCBI Official Symbol	mt-Nd2
NCBI Official Synonym Symbols	ND2
NCBI Protein Information	NADH dehydrogenase subunit 2
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 2
UniProt Gene Name	mt-Nd2

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.