

Rabbit anti-Human, Mouse MTDC Polyclonal Antibody | anti-MTDC antibody

MTDC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA319650	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

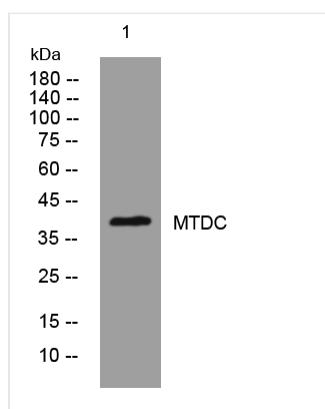
PRODUCT SYNONYMS

MTDC; Polyclonal Antibody; MTDC Antibody; anti-MTDC antibody

PRODUCT SPECIFICATIONS

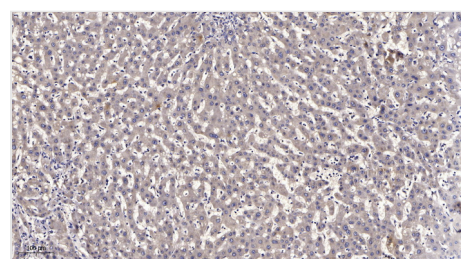
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of MTDC at Human/Mouse
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MTDC antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human MTDC AA range: 121-171
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4 degree over night



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4 degree overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

ADDITIONAL INFORMATION

Related Product Information for anti-MTDC antibody	This gene encodes a nuclear-encoded mitochondrial bifunctional enzyme with methylenetetrahydrofolate dehydrogenase and methenyltetrahydrofolate cyclohydrolase activities. The enzyme functions as a homodimer and is unique in its absolute requirement for magnesium and inorganic phosphate. Formation of the enzyme-magnesium complex allows binding of NAD. Alternative splicing results in two different transcripts, one protein-coding and the other not protein-coding. This gene has a pseudogene on chromosome 7. [provided by RefSeq, Mar 2009]
Product Categories/Family for anti-MTDC antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	94721354
NCBI GeneID	10797
NCBI Accession #	NP_006627.2
NCBI GenBank Nucleotide #	NM_006636.3
UniProt Accession #	P13995; Q53G90; Q53GV5; Q53S36; Q7Z650
Molecular Weight	26,849 Da
NCBI Official Full Name	bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial
NCBI Official Synonym Full Names	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
NCBI Official Symbol	MTHFD2
NCBI Official Synonym Symbols	NMDMC
NCBI Protein Information	bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial
UniProt Protein Name	Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial
UniProt Gene Name	MTHFD2
UniProt Synonym Gene Names	NMDMC
UniProt Entry Name	MTDC_HUMAN

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/mtdc-antibody-immunohistochemistry-western-blot-elisa/319650>