

Rabbit MTTP Polyclonal Antibody | anti-MTTP antibody

MTTP Antibody

CATALOG # AAA326356	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MTTP; Polyclonal Antibody; MTTP Antibody; ABL; Microsomal triglyceride transfer protein (large polypeptide 88kDa); Microsomal triglyceride transfer protein 88kD; Microsomal triglyceride transfer protein; Microsomal triglyceride transfer protein large subunit; MTP; MTP large subunit; MTP_HUMAN; Transfer RNA; mitochondrial; proline; tRNA-Pro; anti-MTTP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MTTP antibody detects endogenous levels of total MTTP
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	894
Applicable Applications for anti-MTTP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MTTP
Subcellular Location	Endoplasmic Reticulum.
Tissue Specificity	Liver and small intestine. Also found in ovary, testis and kidney.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326356 at 1/100 staining Mouse liver 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 extracts of 293, using MTTP antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MTTP antibody	<p>Description: MTP encodes the large subunit of the heterodimeric microsomal triglyceride transfer protein. Protein disulfide isomerase (PDI) completes the heterodimeric microsomal triglyceride transfer protein, which has been shown to play a central role in lipoprotein assembly. Mutations in MTP can cause abetalipoproteinemia. [provided by RefSeq, Jul 2008]</p> <p>Function: Catalyzes the transport of triglyceride, cholesteryl ester, and phospholipid between phospholipid surfaces (PubMed:23475612, PubMed:8939939, PubMed:26224785, PubMed:25108285, PubMed:22236406). Required for the secretion of plasma lipoproteins that contain apolipoprotein B (PubMed:23475612, PubMed:8939939, PubMed:26224785).</p> <p>Subunit Structure: Heterodimer; heterodimerizes with the protein disulfide isomerase (P4HB/PDI) (PubMed:23475612, PubMed:26224785, PubMed:25108285). Interacts with APOB (PubMed:26224785, PubMed:25108285, PubMed:27206948).</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153285408
NCBI GeneID	4547
NCBI Accession #	NP_000244.2
NCBI GenBank Nucleotide #	NM_000253.3
UniProt Accession #	P55157; Q08AM4; Q6P5T3; A8K428
Molecular Weight	Observed: 99 kDa Predicted: 100 kDa
NCBI Official Full Name	microsomal triglyceride transfer protein large subunit isoform 1
NCBI Official Synonym Full Names	microsomal triglyceride transfer protein
NCBI Official Symbol	MTTP
NCBI Official Synonym Symbols	ABL; MTP
NCBI Protein Information	microsomal triglyceride transfer protein large subunit
UniProt Protein Name	Microsomal triglyceride transfer protein large subunit
UniProt Gene Name	MTTP
UniProt Synonym Gene Names	MTP

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.