

Datasheet for ABIN2781495
anti-MTTP antibody (N-Term)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	MTTP
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTTP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MTTP
Sequence:	MILLAVLFLC FISSYSASVK GHTTGLSLNN DRLYKLTYST EVLLDRGKGK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MTTP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MTTP
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Target Details

Alternative Name:	MTTP (MTTP Products)
Background:	<p>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. 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.</p> <p>Alias Symbols: ABL, MGC149819, MGC149820, MTP</p> <p>Protein Interaction Partner: HSP90B1, APOB,</p> <p>Protein Size: 894</p>
Molecular Weight:	97 kDa
Gene ID:	4547
NCBI Accession:	NM_000253 , NP_000244
UniProt:	P55157
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 894 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: Gene , Vol. 512, Issue 2, pp. 219-25, (2012) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-MTTP Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate MTTP is supported by BioGPS gene expression data to be expressed in HepG2