

MTTP Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5427**Specification**

MTTP Antibody (C-term) - Product Information

Application	WB, FC,E
Primary Accession	P55157
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=99 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

MTTP Antibody (C-term) - Additional Information**Gene ID** 4547**Antigen Region**
878-911**Other Names**
Microsomal triglyceride transfer protein large subunit, MTTP, MTP**Dilution**
WB~~1:1000
FC~~1:25**Target/Specificity**
This MTTP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 878-911 amino acids from the C-terminal region of human MTTP.**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.**Precautions**
MTTP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.**MTTP Antibody (C-term) - Protein Information****Name** MTTP

Synonyms MTP

Function

Catalyzes the transport of triglyceride, cholesteryl ester, and phospholipid between phospholipid surfaces (PubMed:[15897609](http://www.uniprot.org/citations/15897609) target="_blank">15897609, PubMed:[16478722](http://www.uniprot.org/citations/16478722) target="_blank">16478722, PubMed:[22236406](http://www.uniprot.org/citations/22236406) target="_blank">22236406, PubMed:[23475612](http://www.uniprot.org/citations/23475612) target="_blank">23475612, PubMed:[25108285](http://www.uniprot.org/citations/25108285) target="_blank">25108285, PubMed:[26224785](http://www.uniprot.org/citations/26224785) target="_blank">26224785, PubMed:[8876250](http://www.uniprot.org/citations/8876250) target="_blank">8876250, PubMed:[8939939](http://www.uniprot.org/citations/8939939) target="_blank">8939939). Required for the assembly and secretion of plasma lipoproteins that contain apolipoprotein B (PubMed:[16478722](http://www.uniprot.org/citations/16478722) target="_blank">16478722, PubMed:[23475612](http://www.uniprot.org/citations/23475612) target="_blank">23475612, PubMed:[26224785](http://www.uniprot.org/citations/26224785) target="_blank">26224785, PubMed:[8876250](http://www.uniprot.org/citations/8876250) target="_blank">8876250, PubMed:[8939939](http://www.uniprot.org/citations/8939939) target="_blank">8939939). May be involved in regulating cholesteryl ester biosynthesis in cells that produce lipoproteins (By similarity).

Cellular Location

Endoplasmic reticulum. Golgi apparatus. Note=Colocalizes with P4HB/PDI in the endoplasmic reticulum (PubMed:23475612, PubMed:26224785)

Tissue Location

Liver and small intestine. Also found in ovary, testis and kidney.

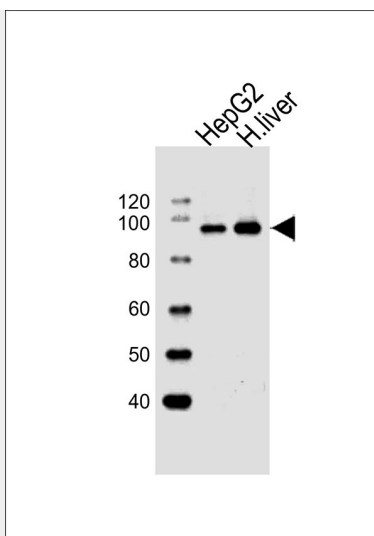
MTTP Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

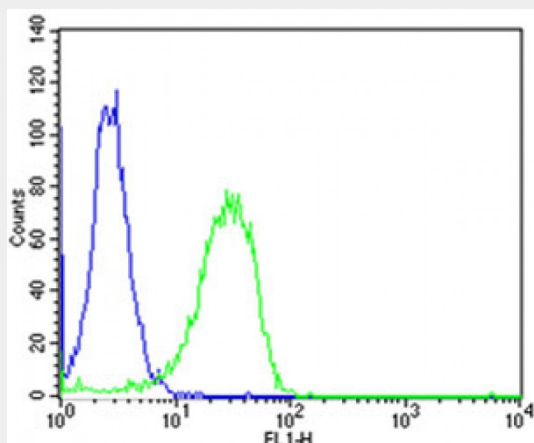
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTTP Antibody (C-term) - Images





All lanes : Anti-MTTP Antibody (C-term) at 1:1000 dilution Lane 1: HepG2 whole cell lysates Lane 2: human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 99 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



Flow cytometric analysis of HeLa cells using MTP Antibody (C-term)(green, Cat#AW5427) compared to an isotype control of rabbit IgG(blue). AW5427 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

MTTP Antibody (C-term) - Background

Catalyzes the transport of triglyceride, cholesteryl ester, and phospholipid between phospholipid surfaces. Required for the secretion of plasma lipoproteins that contain apolipoprotein B.

MTTP Antibody (C-term) - References

- Shoulders C.C., et al. Hum. Mol. Genet. 2:2109-2116(1993).
- Sharp D., et al. Nature 365:65-69(1993).
- Sharp D., et al. Biochemistry 33:9057-9061(1994).
- Ota T., et al. Nat. Genet. 36:40-45(2004).
- Hagan D.L., et al. J. Biol. Chem. 269:28737-28744(1994).