10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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, PubMed:16478722, PubMed:22236406, PubMed:23475612, PubMed:25108285, PubMed:26224785, PubMed:8876250, PubMed:8939939). Required for the assembly and secretion of plasma lipoproteins that contain apolipoprotein B (PubMed:16478722, PubMed:23475612, PubMed:26224785, PubMed:8876250, PubMed: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 Cytomety
- Cell Culture

MTTP Antibody (C-term) - Images

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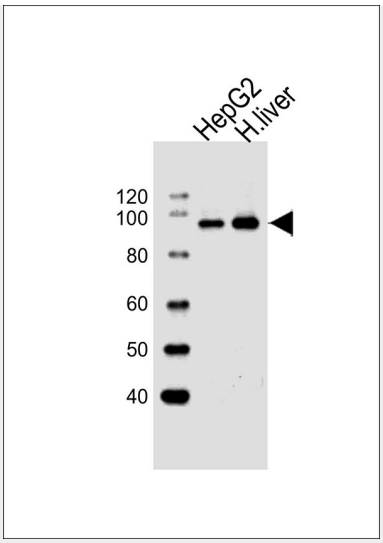
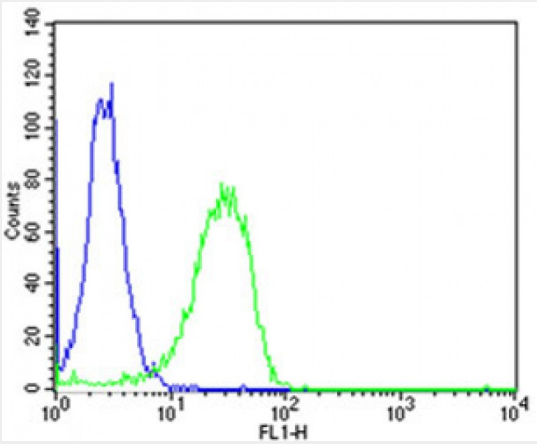


All lanes : Anti-MTTP Antibody (C-term) at 1:1000 dilution Lane 1: HepG2 whole cell lysates Lane 2: human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated at 1/10000 dilution Predicted band size : 99 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Flow cytometric analysis of Hela cells using MTTP 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

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