

For Research Use Only

# MTTP/MTP Polyclonal antibody, PBS Only

Catalog Number: 23940-1-PBS



## Basic Information

<b>Catalog Number:</b> 23940-1-PBS	<b>GenBank Accession Number:</b> BC062696	<b>Purification Method:</b> Antigen Affinity purified
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 4547	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P55157	
<b>Isotype:</b> IgG	<b>Full Name:</b> microsomal triglyceride transfer protein	
<b>Immunogen Catalog Number:</b> AG21045	<b>Calculated MW:</b> 151aa, 17 kDa; 894aa, 99 kDa	
	<b>Observed MW:</b> 90-100 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

MTTP, also known as MTP, belongs to the lipid transfer protein family and forms a heterodimeric complex with protein disulfide isomerase (PDI) to perform lipid transfer functions. MTTP is isolated as a soluble protein from the lumen of a microsomal fraction of liver and intestine. MTTP assembles triglycerides and apoB in the liver and intestine and subsequently produces apoB-containing lipoproteins. Deficiency in MTTP can cause abetalipoproteinemia, characterized by the absence of apoB-containing lipoproteins from the circulatory system (PMID: 10946006, 23475612).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

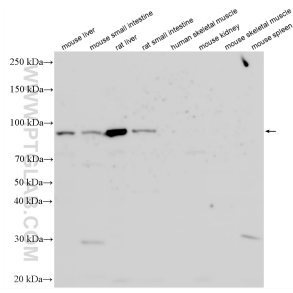
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E: Proteintech-CN@ptglab.com

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23940-1-AP (MTTP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. Negative control: human skeletal muscle tissue, mouse kidney tissue, mouse skeletal muscle tissue, mouse spleen tissue. This data was developed using the same antibody clone with 23940-1-PBS in a different storage buffer formulation.