

## Rabbit MTTP Polyclonal Antibody | anti-MTTP antibody

MTTP Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY                         | APPLICATIONS                                                 |
|-----------|--------|------------------------------------|--------------------------------------------------------------|
| AAA10747  | Rabbit | Crossreactivity: Human, Mouse, Rat | Western Blot, ELISA, Immunofluorescence, Immunocytochemistry |

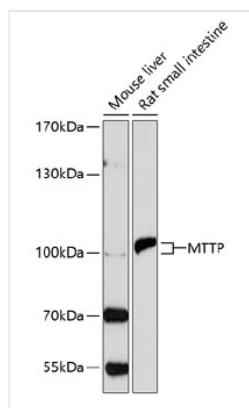
### PRODUCT SYNONYMS

MTTP; Polyclonal Antibody; MTTP Polyclonal Antibody; ABL; MTP; anti-MTTP antibody

### PRODUCT SPECIFICATIONS

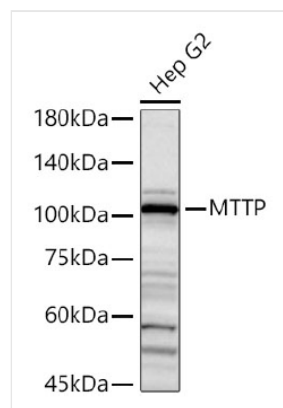
|                                                |                                                                                                                                                                            |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                     |
| Reactivity                                     | Crossreactivity: Human, Mouse, Rat                                                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                                                                                 |
| Isotype                                        | IgG                                                                                                                                                                        |
| Purity/Purification                            | Affinity Purification                                                                                                                                                      |
| Applicable Applications for anti-MTTP antibody | WB (Western Blot), ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry)                                                                                               |
| Application Notes                              | WB 1:1000 - 1:9000; IF/ICC 1:50 - 1:200; ELISA Recommended starting concentration is 1 ug/mL. Please optimize the concentration based on your specific assay requirements. |
| Immunogen                                      | Recombinant protein (or fragment). This information is considered to be commercially sensitive.                                                                            |
| Buffer                                         | PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.                                              |
| Preparation and Storage                        | Store at -20C. Avoid freeze / thaw cycles.                                                                                                                                 |

### IMAGES



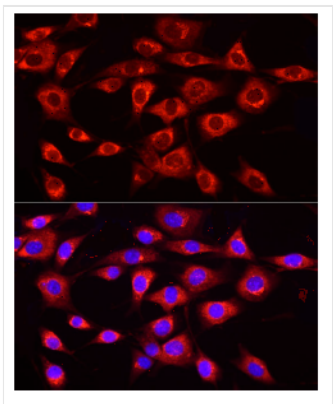
#### WB (Western Blot)

Western blot analysis of various lysates using MTTP Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



#### WB (Western Blot)

Western blot analysis of lysates from Hep G2 cells using MTTP Rabbit pAb at 1:9000 dilution incubated overnight at 4C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ?g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60 s.



#### IF/ICC (Immunofluorescence/Immunocytochemistry)

Immunofluorescence analysis of NIH/3T3 cells using MTTP Rabbit pAb at dilution of 1:20 (40xlens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MTTP antibody | 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. |
| Product Categories/Family for anti-MTTP antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                 |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 1709167                                                                                                                     |
| NCBI GeneID                      | 4547                                                                                                                        |
| UniProt Accession #              | P55157; Q08AM4; Q6P5T3; A8K428                                                                                              |
| Molecular Weight                 | Observed MW: 99 kDa; Calculated MW: 99 kDa                                                                                  |
| NCBI Official Full Name          | Microsomal triglyceride transfer protein large subunit                                                                      |
| 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; microsomal triglyceride transfer protein (large polypeptide, 88kDa) |
| UniProt Protein Name             | Microsomal triglyceride transfer protein large subunit                                                                      |
| UniProt Gene Name                | <b>MTTP</b>                                                                                                                 |
| UniProt Synonym Gene Names       | MTP                                                                                                                         |
| UniProt Entry Name               | MTP_HUMAN                                                                                                                   |

**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.

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 Online datasheet: <https://www.aaabiotech.com/polyclonal/mttp-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/10747>