Product datasheet

Anti-MTTP/MTP antibody ab63467

2 References  2 Images

Overview

Product name  Anti-MTTP/MTP antibody
Description  Rabbit polyclonal to MTTP/MTP
Host species  Rabbit
Tested applications  Suitable for: ICC/IF, WB
Species reactivity
- Reacts with: Human
- Predicted to work with: Cow

Immunogen
Synthetic peptide corresponding to Human MTTP/MTP aa 850 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin.
(Peptide available as ab99872)

Positive control
This antibody gave a positive signal in Human Liver Tissue Lysate.

General notes
This product was previously labelled as MTTP

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer  Preservative: 0.02% Sodium Azide
- Constituents: 1% BSA, PBS, pH 7.4
Purity  Immunogen affinity purified
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab63467 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Function**
Catalyzes the transport of triglyceride, cholesteryl ester, and phospholipid between phospholipid surfaces. Required for the secretion of plasma lipoproteins that contain apolipoprotein B.

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

**Involvement in disease**
Abetalipoproteinemia

**Sequence similarities**
Contains 1 vitellogenin domain.

**Cellular localization**
Endoplasmic reticulum.

**Images**

- Anti-MTTP/MTP antibody (ab63467) at 1 µg/ml + Liver (Human) Tissue Lysate at 10 µg

**Secondary**
Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) (ab65484) at 1/3000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 99 kDa

**Observed band size:** 99 kDa

**Exposure time:** 20 minutes

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td>Use a concentration of 1 µg/ml.</td>
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<tr>
<td>WB</td>
<td>Use a concentration of 1 µg/ml. Detects a band of approximately 99 kDa (predicted molecular weight: 99 kDa).</td>
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</tbody>
</table>
Immunocytochemistry/ Immunofluorescence - Anti-MTTP/MTP antibody (ab63467)

ICC/IF image of ab63467 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab63467 at 1µg/ml overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti- rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 100% Methanol fixed (5min) HeLa cell types at 1ug/ml

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