

MGAT1 Rabbit Polyclonal Antibody



CAB6387

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

60kDa

Calculated MW:

50kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1, 2-N-acetylglucosaminyltransferase I is a medial-Golgi enzyme essential for the synthesis of hybrid and complex N-glycans. The protein, encoded by a single exon, shows typical features of a type II transmembrane protein. The protein is believed to be essential for normal embryogenesis. Several variants encoding the same protein have been found for this gene.

Immunogen information

Gene ID:

4245

Uniprot

P26572

Synonyms:

MGAT1; GLCNAC-TI; GLCT1; GLYT1; GNT-1; GNT-I; GnTI; MGAT;
alpha-1

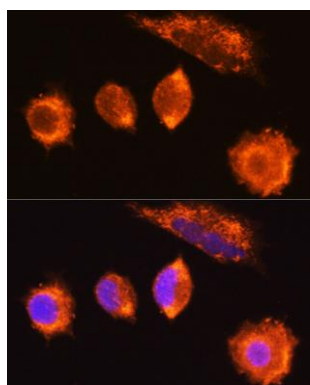
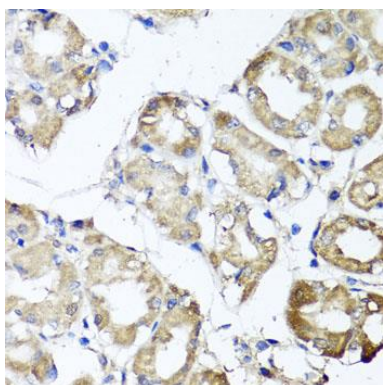
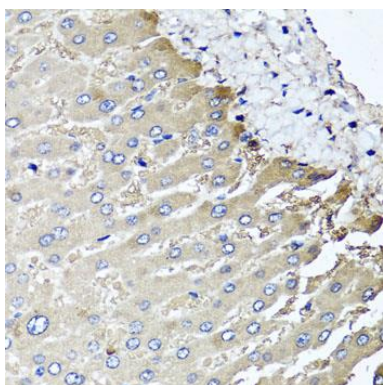
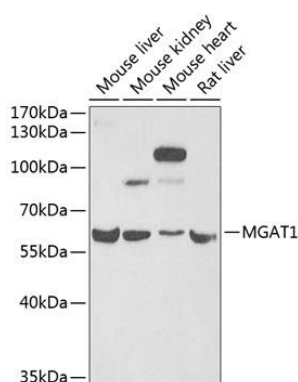
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 156-445 of human MGAT1 (NP_001108092.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using MGAT1 antibody (CAB6387) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded human liver tissue using MGAT1 antibody (CAB6387) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded human stomach tissue using MGAT1 antibody (CAB6387) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of L929 cells using MGAT1 Rabbit pAb (CAB6387) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.