

# GNT-V/MGAT5 Rabbit pAb

Catalog No.: A10567 **1 Publications**

## Basic Information

### Observed MW

100kDa

### Calculated MW

85kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

The protein encoded by this gene belongs to the glycosyltransferase family. It catalyzes the addition of beta-1,6-N-acetylglucosamine to the alpha-linked mannose of biantennary N-linked oligosaccharides present on the newly synthesized glycoproteins. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the activity of this enzyme has been correlated with the progression of invasive malignancies.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

### Gene ID

4249

### Swiss Prot

Q09328

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 627-741 of human GNT-V/MGAT5 (NP\_002401.1).

### Synonyms

GNT-V; GNT-VA; MGAT5A; glcNAc-T V; GNT-V/MGAT5

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

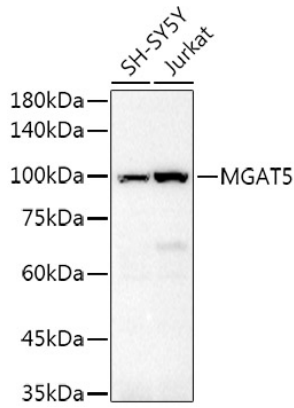
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

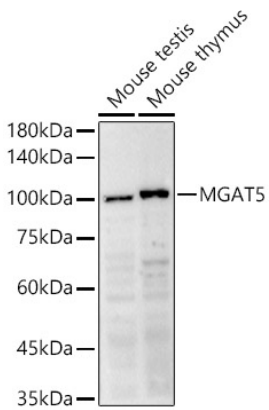
Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using GNT-V/MGAT5 Rabbit pAb antibody (A10567) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using GNT-V/MGAT5 Rabbit pAb antibody (A10567) at 1:500 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.