

# MGAT2 Rabbit pAb

Catalog No.: A9134

1 Publications

## Basic Information

### Observed MW

60kDa

### Calculated MW

52kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. The coding region of this gene is intronless. Transcript variants with a spliced 5' UTR may exist, but their biological validity has not been determined.

## Recommended Dilutions

WB 1:200 - 1:2000

## Immunogen Information

### Gene ID

4247

### Swiss Prot

Q10469

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 178-447 of human MGAT2 (NP\_002399.1).

### Synonyms

GNT2; CDG2A; CDGS2; GNT-II; GLCNACTII; MGAT2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

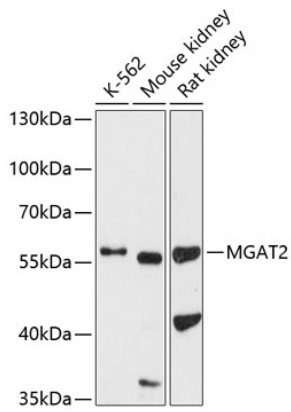
### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using MGAT2 antibody (A9134) at 1:1000 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: 90s.