

Datasheet for ABIN953409  
**anti-MGAT4C antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	MGAT4C
Binding Specificity:	AA 302-332, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGAT4C antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 302-332 amino acids from the C-terminal region of human MGAT4C
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MGAT4C.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

## Target Details

Target:	MGAT4C
Alternative Name:	MGAT4C ( <a href="#">MGAT4C Products</a> )

## Target Details

**Background:** Glycosyltransferase that participates in the transfer of N-acetylglucosamine (GlcNAc) to the core mannose residues of N-linked glycans. Catalyzes the formation of the GlcNAc $\beta$ 1-4 branch on the GlcNAc $\beta$ 1-2Man $\alpha$ 1-3 arm of the core structure of N-linked glycans. Essential for the production of tri-and tetra-antennary N-linked sugar chains (By similarity). Does not catalyze the transfer of GlcNAc to the Man $\alpha$ 1-6 arm to form GlcNAc $\beta$ 1-4Man $\alpha$ 1-6 linkage ('GnT-VI' activity). Synonyms: 3-D-mannoside  $\beta$ -1, 3-mannosyl-glycoprotein 4- $\beta$ -N-acetylglucosaminyltransferase C, 4-N-acetylglucosaminyltransferase IVc, Alpha-1, N-acetylglucosaminyltransferase IV homolog, N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IVc, UDP-N-acetylglucosamine: alpha-1

**Molecular Weight:** 56061 Da

**Gene ID:** 25834

**NCBI Accession:** [NP\\_037376](#)

## Application Details

**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** PBS, 0.09 % (W/V) sodium azide

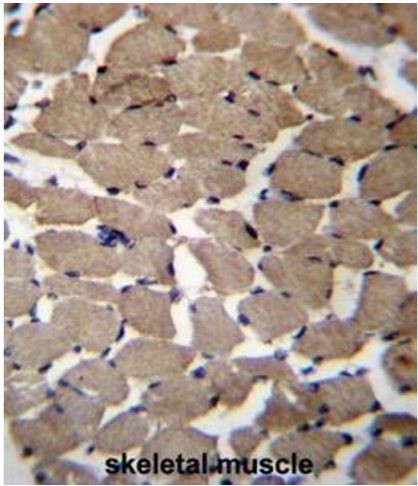
**Preservative:** Sodium azide

**Precaution of Use:** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freezing and thawing.

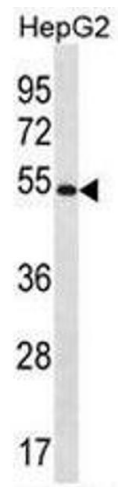
**Storage:** 4 °C/-20 °C

**Storage Comment:** Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** MGAT4C Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MGAT4C Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**Western Blotting**

**Image 2.** MGAT4C Antibody (C-term) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the MGAT4C antibody detected the MGAT4C protein (arrow).