

## Product datasheet for **AP52686PU-N**

### **MGAT4C (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western blot:</b> 1/100 - 1/500. <b>Immunohistochemistry on paraffin sections:</b> 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 302-332 amino acids from the C-terminal region of human MGAT4C
Specificity:	This antibody reacts to MGAT4C.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	56061 Da
Gene Name:	MGAT4 family member C
Database Link:	<a href="#">Entrez Gene 25834 Human Q9UBM8</a>



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**Background:**

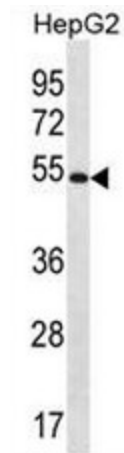
Glycosyltransferase that participates in the transfer of N-acetylglucosamine (GlcNAc) to the core mannose residues of N-linked glycans. Catalyzes the formation of the GlcNAc $\beta$ 1-4 branch on the GlcNAc $\beta$ 1-2Man $\alpha$ 1-3 arm of the core structure of N-linked glycans. Essential for the production 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:**

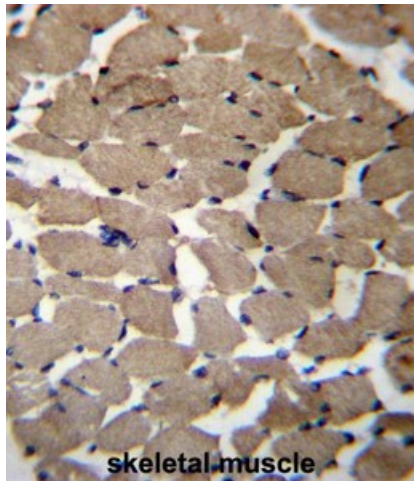
GnT-IVc; GNTIVH; HGNT-IV-H

**Protein Families:**

Transmembrane

**Product images:**


MGAT4C Antibody (C-term) western blot analysis in HepG2 cell line lysates (35 $\mu$ g/lane). This demonstrates the MGAT4C antibody detected the MGAT4C protein (arrow).



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.