

Product datasheet for **AP52685PU-N**

MGAT3 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western blot: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 425-454 amino acids from the C-terminal region of human MGAT3
Specificity:	This antibody reacts to MGAT3.
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:	61313 Da
Gene Name:	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
Database Link:	Entrez Gene 4248 Human Q09327



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Background:

There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. The enzyme encoded by this gene transfers a GlcNAc residue to the beta-linked mannose of the trimannosyl core of N-linked oligosaccharides and produces a bisecting GlcNAc. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Synonyms:

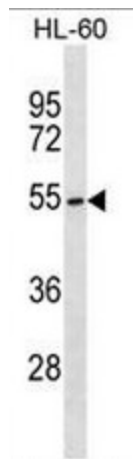
GGNT3

Protein Families:

Transmembrane

Protein Pathways:

Metabolic pathways, N-Glycan biosynthesis

Product images:

MGAT3 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the MGAT3 antibody detected the MGAT3 protein (arrow).