



Datasheet for ABIN953408

anti-MGAT3 antibody (C-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	0.4 mL
Target:	MGAT3
Binding Specificity:	AA 425-454, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGAT3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 425-454 amino acids from the C-terminal region of human MGAT3
Isotype:	Ig Fraction
Specificity:	This antibody reacts to MGAT3.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	MGAT3
Alternative Name:	MGAT3 (MGAT3 Products)

Target Details

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: 4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase, Beta-1, GGNT3

Molecular Weight: 61313 Da

Gene ID: 4248

NCBI Accession: [NP_001091740](#)

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.

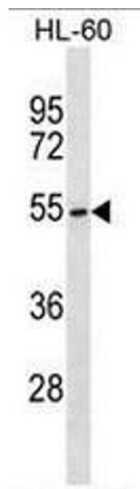
Handling Advice: Avoid repeated freezing and thawing.

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.

Publications

Product cited in: Benson, Grobarova, Richter, Fiserova: "Glycosylation regulates NK cell-mediated effector function through PI3K pathway." in: **International immunology**, Vol. 22, Issue 3, pp. 167-77, (2010) ([PubMed](#)).



Western Blotting

Image 1. MGAT3 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35µg/lane). This demonstrates the MGAT3 antibody detected the MGAT3 protein (arrow).