

Datasheet for ABIN7602288
anti-MGAT3 antibody (AA 68-437)



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Overview

Quantity:	100 µg
Target:	MGAT3
Binding Specificity:	AA 68-437
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGAT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-MGAT3 Antibody Picoband®
Immunogen:	E.coli-derived human MGAT3 recombinant protein (Position: D68-N437).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MGAT3 Antibody Picoband® (ABIN7602288). Tested in ELISA, IHC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MGAT3
Alternative Name:	MGAT3 (MGAT3 Products)
Background:	Synonyms: Serine/threonine-protein kinase LMTK3, Lemur tyrosine kinase 3, LMTK3, KIAA1883, TYKLM3 Background: Beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase is an enzyme that in humans is encoded by the MGAT3 gene. 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.
Molecular Weight:	61 kDa
Gene ID:	4248
UniProt:	Q09327

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Ihara, Y., Nishikawa, A., Tohma, T., Soejima, H., Niikawa, N., Taniguchi, N. cDNA cloning, expression, and chromosomal localization of human N-acetylglucosaminyltransferase III (GnT-III). J. Biochem. 113: 692-698, 1993. 2. Pinho, S. S., Reis, C. A., Paredes, J., Magalhaes, A. M., Ferreira, A. C., Figueiredo, J., Xiaogang, W., Carneiro, F., Gartner, F., Seruca, R. The role of N-acetylglucosaminyltransferase III and V in the post-transcriptional modifications of E-cadherin. Hum. Molec. Genet. 18: 2599-2608, 2009.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

Storage: 4 °C, -20 °C

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.