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Datasheet for ABIN1537902 anti-MGAT1 antibody (AA 159-187)





Overview

Quantity:	400 µL
Target:	MGAT1
Binding Specificity:	AA 159-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This MGAT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 159-187 amino acids from the Central region of human MGAT1.
Clone:	RB36307
lsotype:	lgG
Predicted Reactivity:	M, Rb, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

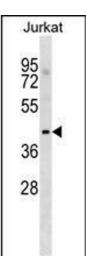
Target Details

Target:	MGAT1
Alternative Name:	MGAT1 (MGAT1 Products)
Background:	There are believed to be over 100 different glycosyltransferases involved in the synthesis of

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Target Details

	protein-bound and lipid-bound oligosaccharides. UDP-N-acetylglucosamine:alpha-3-D- mannoside beta-1,2-N-acetylglucosaminyltransferase I is a medial-Golgi enzyme essential for the synthesis of hybrid and complex N-glycans. The protein, encoded by a single exon, shows typical features of a type II transmembrane protein. The protein is believed to be essential for normal embryogenesis. Several variants encoding the same protein have been found for this gene.
Molecular Weight:	50878
Gene ID:	4245
NCBI Accession:	NP_001108089, NP_001108090, NP_001108091, NP_001108092, NP_002397
UniProt:	P26572
Application Details	
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 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.
Storage:	4 °C,-20 °C
Storage Comment:	MGAT1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. MGAT1 Antibody (Center) (ABIN1537902 and ABIN2848599) western blot analysis in Jurkat cell line lysates (35 µg/lane).This demonstrates the MGAT1 antibody detected the MGAT1 protein (arrow).

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