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Datasheet for ABIN7143768  
**anti-MGAT4B antibody (AA 380-522) (HRP)**

### Overview

Quantity:	100 µg
Target:	MGAT4B
Binding Specificity:	AA 380-522
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGAT4B antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase B protein (380-522AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	MGAT4B
Alternative Name:	MGAT4B ( <a href="#">MGAT4B Products</a> )
Background:	Background: Glycosyltransferase that participates in the transfer of N-acetylglucosamine

## Target Details

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(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. Has lower affinities for donors or acceptors than MGAT4A, suggesting that, under physiological conditions, it is not the main contributor in N-glycan biosynthesis.

Aliases: 3-D-mannoside  $\beta$ -1 antibody, 3-mannosyl-glycoprotein 4- $\beta$ -N-acetylglucosaminyltransferase B antibody, 4-N-acetylglucosaminyltransferase IVb antibody, Alpha 1 3 mannosyl glycoprotein  $\beta$  1 4 N acetylglucosaminyltransferase antibody, Alpha-1 antibody, Aminyltransferase antibody, GlcNAc T IVb antibody, GlcNAc-T IVb antibody, GNT IV antibody, GNT IVB antibody, GnT-IVb antibody, GNTIV antibody, GNTIVB antibody, Mannosyl ( $\alpha$  1 3) glycoprotein  $\beta$  1 4 N acetylglucosaminyltransferase isozyme B antibody, MGAT 4B antibody, mgat4b antibody, MGT4B\_HUMAN antibody, N acetylglucosaminyltransferase IVb antibody, N glycosyl oligosaccharide glycoprotein antibody, N glycosyl oligosaccharide glycoprotein N acetylglucosaminyltransferase IVb antibody, N-acetylglucosaminyltransferase IVb antibody, N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IVb antibody, UDP N acetylglucosamine  $\alpha$  1 3 D mannoside  $\beta$  1 4 N acetylglucosaminyltransferase IV antibody, UDP N acetylglucosamine  $\alpha$  1 3 D mannoside  $\beta$  1 4 N acetylglucosaminyltransferase IVb antibody, UDP-N-acetylglucosamine:  $\alpha$ -1 antibody

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UniProt: [Q9UQ53](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

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## Handling

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.