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Datasheet for ABIN5006825
anti-MGAT5 antibody (AA 201-300) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	MGAT5
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGAT5 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MGAT5
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	MGAT5
Alternative Name:	MGAT5 (MGAT5 Products)

Target Details

Background: Synonyms: 6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A, 6-N-acetylglucosaminyltransferase, Alpha 1,36 mannosylglycoprotein, Alpha 1,6 mannosylglycoprotein 6 beta N acetylglucosaminyltransferase, Alpha mannoside beta 1,6 N acetylglucosaminyltransferase, Alpha mannoside beta 1,6 N acetylglucosaminyltransferase, Alpha- mannoside beta-1,6-N-acetylglucosaminyltransferase, Alpha-1, alpha-1,36-mannosylglycoprotein, Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase, Alpha-mannoside beta-1, alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase, Beta 1,6 N acetyl glucosaminyltransferase, beta-1,6-N-acetylglucosaminyltransferase, GGNT5, GlcNAc T V, GlcNAc-T V, GNT V, GNT VA, GNT-V, GNTV, GNTVA, Mannoside acetylglucosaminyltransferase 5, Mannosyl alpha 1,6 glycoprotein beta 1,6 N acetyl glucosaminyltransferase, mannosyl alpha-1,6-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, Mgat5, MGT5A_HUMAN, N acetylglucosaminyl transferase V, N acetylglucosaminyltransferase V mannosyl alpha 1,6 glycoprotein, N-acetylglucosaminyltransferase V, N-acetylglucosaminyltransferase V.

Background: MGAT5 is a mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, a glycosyltransferase involved in the synthesis of protein-bound and lipid-bound oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the encoded protein's activity may correlate with the progression of invasive malignancies.

Gene ID: 4249

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Handling

Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months