

MGT5A Rabbit pAb

CatalogNo: YN2492

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 81kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 551-600

Specificity MGT5A Polyclonal Antibody detects endogenous levels of protein.

| Target Information

Gene name MGAT5 GGNT5

Protein Name	Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A (Alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase) (GlcNAc-T V) (GNT-V) (Mannoside acetylglucosaminyltransferase 5) (N-acetylglucosaminyl-transferase V)		
	Organism	Gene ID	UniProt ID
	Human	4249;	Q09328;
	Mouse		Q8R4G6;
	Rat		Q08834;
Cellular Localization	Golgi apparatus membrane ; Single-pass type II membrane protein .; [Secreted alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A]: Secreted .		
Tissue specificity	Liver,Placenta,		
Function	Catalytic activity:UDP-N-acetyl-D-glucosamine + 6-(2-(N-acetyl-beta-D-glucosaminyl)-alpha-D-mannosyl)-beta-D-mannosyl-R = UDP + 6-(2,6-bis(N-acetyl-beta-D-glucosaminyl)-alpha-D-mannosyl)-beta-D-mannosyl-R.,Function:Catalyzes the addition of N-acetylglucosamine in beta 1-6 linkage to the alpha-linked mannose of biantennary N-linked oligosaccharides. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides.,online information:Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferaseV,online information:GlycoGene database,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 18 family.,		

| Validation Data

| Contact information

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