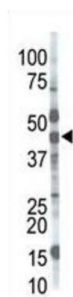
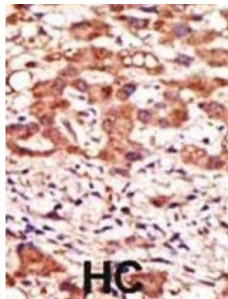


Mannosyl (Alpha-1,3-)-Glycoprotein Beta-1,2-N-Acetylglucosaminyltransferase (MGAT1) Antibody

Catalogue No.: abx031591



There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. MGAT1 (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.

Target: Mannosyl (Alpha-1,3-)-Glycoprotein Beta-1,2-N-Acetylglucosaminyltransferase (MGAT1)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, IHC

Host: Rabbit

Recommended dilutions: IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 16-46 amino acids from the N-terminal region of human MGAT1.

Isotype: IgG

Datasheet

Version: 2.0.0

Revision date: 26 Oct 2025



Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P26572 (UniProt , ExPASy)
KEGG:	hsa:4245
String:	9606.ENSP00000404718
Molecular Weight:	Calculated MW: 50.9 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only