

MGAT1 Polyclonal Antibody

Catalog No.	A12459	Category	Polyclonal Antibodies
Applications	WB	Observed MW	60kDa
Cross-reactivity	Human	Calculated MW	50kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 156-445 of human MGAT1 (NP_001108092.1).
Gene ID	4245
Swiss prot	P26572
Synonyms	MGAT1; GLCNAC-TI; GLCT1; GLYT1; GNT-1; GNT-I; GnTI; MGAT; alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase

Product information

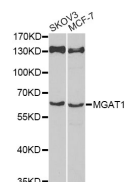
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

There are believed to be over 100 different glycosyltransferases involved in the synthesis of 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.

Recommended Dilutions

WB 1:500 - 1:2000



Western blot - MGAT1 Polyclonal Antibody (A12459)