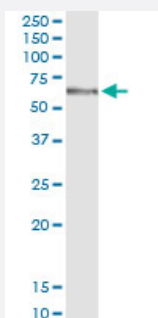


MGAT4B (Human) IP-WB Antibody Pair

Catalog # H00011282-PW1

Size 1 Set

Applications



Immunoprecipitation of MGAT4B transfected lysate using rabbit polyclonal anti-MGAT4B and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-MGAT4B.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MGAT4B transfected lysate using rabbit polyclonal anti-MGAT4B and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-MGAT4B.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-MGAT4B (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-MGAT4B (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — MGAT4B

Entrez GeneID [11282](#)

Gene Name MGAT4B

Gene Alias GNT-IV, GNT-IVB

Gene Description mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme B

Omim ID [604561](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a key glycosyltransferase that regulates the formation of tri- and multiantennary branching structures in the Golgi apparatus. The encoded protein, in addition to the related isozyme A, catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc in a beta-1,4 linkage to the Man-alpha-1,3-Man-beta-1,4-GlcNAc arm of R-Man-alpha-1,6(GlcNAc-beta-1,2-Man-alpha-1,3)Man-beta-1,4-GlcNAc-beta-1,4-GlcNAc-beta-1-Asn. The encoded protein may play a role in regulating the availability of serum glycoproteins, oncogenesis, and differentiation. [provided by RefSeq]

Other Designations UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-1,4-N-acetylglucosaminyltransferase IV|alpha-1,3-mannosyl-glycoprotein beta-1,4-N-acetylglucosaminyltransferase|aminyltransferase|mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)