

DNAxPAb

Hard-to-Find
Antibody

MGAT4B DNAxPab

Catalog # H00011282-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MGAT4B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSRVAGTRTDVNELLQRWTPRCVRWHTGGARRVALDRPLVTACLPPAGDVVDVYQREFLALRD RLHAAEQESLKRSKELNLVLDEIKRAVSERQALRDGDGNRTWGRLTEDPRLKPWNGSHRHVLHL PTVFHHLPHLLAKESSLQPAVRVGQGRGTGVSVMGIPSVRREVHSYLTDLHSLISELSPQEKED SVIVVLIETDSQYTSAVTENIKALFPTTEIHSGLLEVISPSPHFYPDFSRLESFGDPKERVWRWKQ NLDYCFLLMYAQSKGIYVQLEDDIVAKPNYLSTMKNFALQQPSDWMILEFSQLGFIGKMFKSLD LSLVEFILMFYRDKPIDWLLDHILWVKVCNPEKDAKHCDRQKANLRIRFKPSLFGHVGHSSLAGK IQKLKDKDFGKQALRKEHVNPPAEVSTSLKTYQHFTLEKAYLREDDFFWAFTPAAGDFIRFRFFQPL RLERFFFRSGNIEHPEDKLFNTSVEVLPFDNPQSDKEALQEGRTATLRYPRSPDGYLQIGSFYKGV AEGEVDPAFGPLEALRLSIQTDSPVWVILSEIFLKKAD
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — MGAT4B

Entrez GeneID [11282](#)

GeneBank Accession# [NM_054013.2](#)

Protein Accession# [NP_463459.1](#)

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](#)