

DNAxPAb

Hard-to-Find
Antibody

MGAT4A DNAxPab

Catalog # H00011320-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MGAT4A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRLRNGTVATALAFITSFLTSLWYTTWQNGKEKLIAYQREFLALKERLRAEHRISQRSSSELNTIVQQ FKRVGAETNGSKDALNKFSDNTLKLKELTSKKSLQVPSIYYHLPHLLKNEGSLQPAVQIGNGRGTG VSIVMGIPTVKREVKSYLETLHSLIDNLYPEEKLDLCVVFVIGETDIDYVHGVVANLEKEFSKEISSGL VEVISPPESYYPDLTNLKETFGDSKERVWRWTKQNLDYCFLLMYAQEKGIYIQLEDDIVKQNYFN TIKNFALQLSSEEWMLEFSQLGFIGKMFQAPDLTLVEFIFMFYKEKPIDWLLDHILWVKVCNPEKD AKHCDRQKANLRIRFRPSLFQHVGLHSSLGSKIQKLTDKDYMKPLLLKIHVNPPAEVSTSLKVYQG HTLEKTYMGEDFFWAITPIAGDYILFKFDKPVNVESYLFHSGNQEHPPGDILLNTTVEVLPFKSEGLEI SKETKDKRLEDGYFRIGKFENGVAEGMVDPSLNPISAFRLSVIQNSAVWAILNEIHIKKATN
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 — MGAT4A

Entrez GeneID [11320](#)

GeneBank Accession# [NM_012214.2](#)

Protein Accession# [NP_036346.1](#)

Gene Name MGAT4A

Gene Alias GNT-IV, GNT-IVA

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

Omim ID [604623](#)

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 isoenzyme B, 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-Mann-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 N-acetylglucosaminyltransferase IVa|OTTHUMP00000161122|UDP-GlcNAc:a-1,3-D-mannoside b-1,4-acetylglucosaminyltransferase IV|UDP-N-acetylglucosamine:alpha1,3-d-mannoside beta1,4-N-acetylglucosaminyltransferase|alpha-1,3-mannosyl-glycoprotein beta-1,4-N-acet

Pathway

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