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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MGAT1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00004245-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human MGAT1 protein.

Immunogen: MGAT1 (NP_002397.1, 1 a.a. ~ 445 a.a) full-length human protein.

Sequence:
 MLKKQSAGLVLVGAILFVAWNALLLFFWTRPAPGRPPSVSALDGDPA
 SLTREVIRLAQDAEVELERQRGLLQQIGDALSSQRGRVPTAAPPAQPRV
 PVTAPAVIPILVIACDRSTVRRCLDKLLHYRPSAELFPIIVSQDCGHEETA
 QAIASYGSAVTHIRQPDLSIAVPPDHRKFQGYKIHARHYRWALGQVFRQ
 FRFPAAVVVEDDLEVPDFFEYFRATYPLLKADPSLWCVSAWNDNGKE
 QMVDASRPELLYRTDFPGLGWLLLAELWAELEPKWPKAFWDDWMRR
 PEQRQGRACIRPEISRTMTFGRKGVSHGQFFDQHLKFIKLNQQFVHFTQ
 LDLSYLQREAYDRDFLARVYGAPQLQVEKVRTNDRKELGEVRVQYTGR
 DSFKAFKALGVMDDLKSGVPRAGYRGMVTFQFRGRRVHLAPPPTWEG
 YDPSWN

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

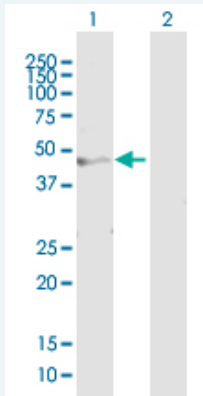
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

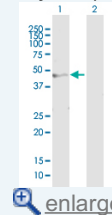


Western Blot analysis of MGAT1 expression in transfected 293T cell line (H00004245-T01) by MGAT1 MaxPab polyclonal antibody.

Lane 1: MGAT1 transfected lysate(48.95 KDa).
 Lane 2: Non-transfected lysate.

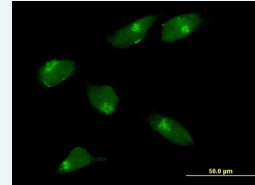
Application Image

Western Blot (Transfected lysate)



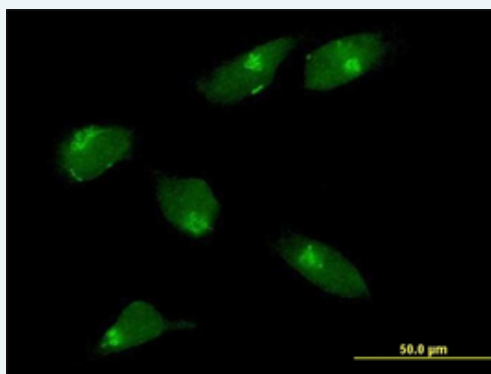
[enlarge](#)

Immunofluorescence



[enlarge](#)

Immunofluorescence



 enlarge this image

Immunofluorescence of purified MaxPab antibody to MGAT1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Information

Entrez GeneID: [4245](#)

GeneBank Accession#: [NM_002406.2](#)

Protein Accession#: [NP_002397.1](#)

Gene Name: MGAT1

Gene Alias: GLCNAC-TI, GLCT1, GLYT1, GNT-1, GNT-I, MGAT

Gene Description: mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase

Omim ID: [160995](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase, OTTHUMP00000161546

Gene Pathway

Metabolic pathways [N-Glycan biosynthesis](#)

Related Disease

[Amphetamine-Related Disorders](#) [Disease Progression](#) [Disease Susceptibility](#)
[Genetic Predisposition to Disease](#) [HIV Infections](#) [Obesity](#) [Psychoses](#), [Substance-Induced](#)

