MaxPab®

MGAT5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004249-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MGAT5 protein.
Immunogen	MGAT5 (AAI56314.1, 1 a.a. ~ 741 a.a) full-length human protein.
Sequence	MALFTPWKLSSQKLGFFLVTFGFIWGMMLLHFTIQQRTQPESSSMLREQILDLSKRYIKALAEENR NVVDGPYAGVMTAYDLKKTLAVLLDNILQRIGKLESKVDNLVVNGTGTNSTNSTTAVPSLVALEKIN VADIINGAQEKCVLPPMDGYPHCEGKIKWMKDMWRSDPCYADYGVDGSTCSFFIYLSEVENWCP HLPWRAKNPYEEADHNSLAEIRTDFNILYSMMKKHEEFRWMRLRIRRMADAWIQAIKSLAEKQNLE KRKRKKVLVHLGLLTKESGFKIAETAFSGGPLGELVQWSDLITSLYLLGHDIRISASLAELKEIMKKV VGNRSGCPTVGDRIVELIYIDIVGLAQFKKTLGPSWVHYQCMLRVLDSFGTEPEFNHANYAQSKGH KTPWGKWNLNPQQFYTMFPHTPDNSFLGFVVEQHLNSSDIHHINEIKRQNQSLVYGKVDSFWKN KKIYLDIIHTYMEVHATVYGSSTKNIPSYVKNHGILSGRDLQFLLRETKLFVGLGFPYEGPAPLEAIAN GCAFLNPKFNPPKSSKNTDFFIGKPTLRELTSQHPYAEVFIGRPHVWTVDLNNQEEVEDAVKAILN QKIEPYMPYEFTCEGMLQRINAFIEKQDFCHGQVMWPPLSALQVKLAEPGQSCKQVCQESQLICE PSFFQHLNKDKDMLKYKVTCQSSELAKDILVPSFDPKNKHCVFQGDLLLFSCAGAHPRHQRVCP CRDFIKGQVALCKDCL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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

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Gene Info — MGAT5

Entrez GeneID	4249
GeneBank Accession#	BC156313.1
Protein Accession#	AAI56314.1
Gene Name	MGAT5
Gene Alias	GNT-V, GNT-VA
Gene Description	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase
Omim ID	601774
Gene Ontology	Hyperlink
Gene Summary	This gene encodes mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase , a glycosyltransferase involved in the synthesis of protein-bound and lipid-bound oligosaccharide s. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in th e adhesive or migratory behavior of a cell. Increase in the encoded protein's activity may correlate with the progression of invasive malignancies. [provided by RefSeq
Other Designations	N-acetylglucosaminyltransferase V|alpha-1,3(6)-mannosylglycoprotein beta-1,6-N-acetyl-glucosa minyltransferase|alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase

Pathway

- Metabolic pathways
- N-Glycan biosynthesis

Disease

- Alcoholism
- Brain Ischemia
- Conduct Disorder
- Genetic Predisposition to Disease
- Multiple Sclerosis

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- Stroke

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