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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MGAT5 polyclonal antibody (A01)

Catalog # : H00004249-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant MGAT5.

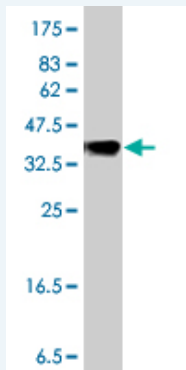
Immunogen: MGAT5 (NP_002401, 642 a.a. ~ 739 a.a) partial recombinant protein with GST tag.

Sequence: LAEPGQSCKQVCQESQLICEPSFFQHLNKDKDMLKYKVTCSSELAKDI
LVPSFDPKNKHCVFQGDLLLFSCAGAHPRHQRVPCRFDFIKGQVALCKD

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.89 kDa) .

Storage Buffer: 50 % glycerol

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

MSDS: [Download](#)

Datasheet: [Download](#)

Publication Reference

1. Predominant expression of N-acetylglucosaminyltransferase V (GnT-V) in neural stem/progenitor cells.
Hamanoue M, Ikeda Y, Ogata T, Takamatsu K. Stem Cell Research(2014), doi: 10.1016/j.scr.2014.11.004

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Application Image

Western Blot (Recombinant protein)

ELISA

Gene Information

Entrez GeneID: [4249](#)

**GeneBank
Accession#:** [NM_002410](#)

**Protein
Accession#:** [NP_002401](#)

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 oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the 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-glucosaminyltransferase, alpha-mannoside beta-1,6-
N-acetylglucosaminyltransferase

Gene Pathway

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

Related Disease

[Alcoholism](#) [Brain Ischemia](#) [Conduct Disorder](#) [Genetic Predisposition to Disease](#)
[Multiple Sclerosis](#) [Stroke](#)