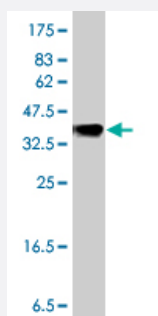


MGAT5 polyclonal antibody (A01)

Catalog # H00004249-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

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	LAEPGQSCKQVCQESQLICEPSFFQHLNKDKDMLKYKVTCQSSELAKDILVPSFDPKNKHCVFQ GDLLLFSCAGAHPRHQRVPCRDIFIKGQVALCKD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (92)
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.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MGAT5

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 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

Publication Reference

- [Predominant expression of N-acetylglucosaminyltransferase V \(GnT-V\) in neural stem/progenitor cells.](#)

Hamanoue M, Ikeda Y, Ogata T, Takamatsu K.

Stem Cell Research 2015 Jan; 14(1):68.

Application: WB-Ti, Human, Brain

Pathway

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

Disease

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