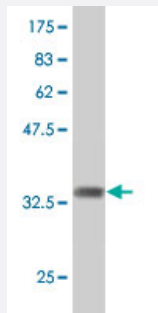


## B3GAT1 polyclonal antibody (A01)

Catalog # H00027087-A01

Size 50 uL

### Applications



Western Blot detection against Immunogen (36.89 KDa) .

### Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant B3GAT1.
<b>Immunogen</b>	B3GAT1 (NP_061114, 235 a.a. ~ 332 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	AGKVVRWKTVPDHRPFAIDMAGFAVNLRLILQRSQAYFKLRGVKGGYQESSLLRELVTLDLEP KAANCTKILVWHTRTEKPVLVNEGKKGFTDPSV
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (98); Rat (98)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — B3GAT1

Entrez GeneID [27087](#)

GeneBank Accession# [NM\\_018644](#)

Protein Accession# [NP\\_061114](#)

Gene Name B3GAT1

Gene Alias CD57, GLCATP, GlcAT-P, GlcUAT-P, HNK-1, HNK1, LEU7, NK-1

Gene Description beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P)

Omim ID [151290](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD 57 and LEU7). Alternate transcriptional splice variants have been characterized. [provided by Ref Seq]

**Other Designations** CD57 antigen|LEU7 antigen|UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase|beta-1,3-glucuronyltransferase 1|galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1|glucuronosyltransferase P

## Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)