

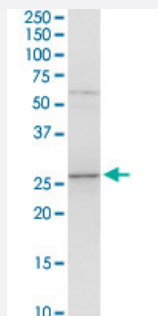
MaxPab®

B3GAT1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00027087-D01P

Size 100 ug

Applications



Western Blot (Cell lysate)

B3GAT1 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GAT1 expression in PC-12.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human B3GAT1 protein.
Immunogen	B3GAT1 (ABM86204.1, 1 a.a. ~ 334 a.a) full-length human protein.
Sequence	MPKRRDILANLMLPWTLITVWHQSTLAPLLAVHKDEGSDPRRETPPGADPREYCTSDRDMEVV RTEVYTRPPPWSDTLPTIHVVTPITYSRPVQKAELTRMANTLLHVPNLHWLVVEDAPRRTPLTARL LRDTGLNYTHLHVETPRNYKLRGDARDPRIPRGTMQRNLALRWLRETFPRNSSQPGVVYFADDD NTYSLELFEEMRSTRVSVWPVAFVGGRLRYEAPRVNGAGKVVGWKTVPDHRPFAIDMAGFAV NLRILQRSQAYFKLRGVKGGYQESSLLRELVTLNDLEPKAANCTKILVWHTRTEKPVLVNEGKKG FTDPSVEI
Host	Rabbit
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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 (Cell lysate)

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[Protocol Download](#)

Gene Info — B3GAT1

Entrez GeneID [27087](#)**GeneBank Accession#** [DQ895278.2](#)**Protein Accession#** [ABM86204.1](#)**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 RefSeq]

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](#)