

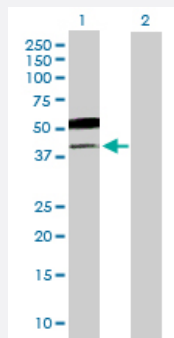
MaxPab®

B3GNT5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084002-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of B3GNT5 expression in transfected 293T cell line by B3GNT5 MaxPab polyclonal antibody.

Lane 1: B3GNT5 transfected lysate(41.58 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human B3GNT5 protein.
Immunogen	B3GNT5 (NP_114436, 1 a.a. ~ 378 a.a) full-length human protein.
Sequence	MRMLVSGRRVKKWQLIQLFATCFLASLMFFWEPIDNHIVSHMKSSYSYRYLINSYDFVNDTSLKHT SAGPRYQYLINHKEKCQAQDVLFFFVKTAPENYDRSGIRRTWGNENYVRSQNLNANIKTLFALGT PNPLEGEELQRKLAWEDQRYNDIIQQDFVDSFYNLTKLLMQFSWANTYCPHAKFLMTADDDIFIH MPNLIEYLSLEQIGVQDFWIGRVHRGAPPIRDKSSKYYVSYEMYQWPAYPDYTAGAAVVISGDVA AKVYEASQTLNSSLYDDVFMGLCANKIGVQDHFVFFSGEGKTPYHPCIEKMMTSHGHLEDLQD LWKNATDPKVKTISKGFFGQYCRMLMKIILLCKISYVDITYPCRAAFI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (80)
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.

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[Protocol Download](#)

Gene Info — B3GNT5

Entrez GeneID [84002](#)

GeneBank Accession# [NM_032047](#)

Protein Accession# [NP_114436](#)

Gene Name B3GNT5

Gene Alias B3GN-T5, beta3Gn-T5

Gene Description UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II membrane protein. It exhibits strong activity to transfer GlcNAc to glycolipid substrates and is identified as the most likely candidate for lactotriaosylceramide synthase. This enzyme is essential for the expression of Lewis X epitopes on glycolipids. [provided by RefSeq]

Other Designations beta 1,3 N-acetylglucosaminyltransferase Lc3 synthase|beta-1,3-N-acetylglucosaminyltransferase bGnT-5

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)