

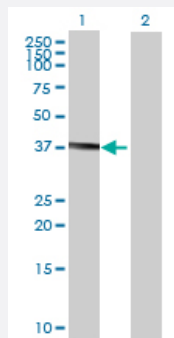
MaxPab®

B4GALNT1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002583-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of B4GALNT1 expression in transfected 293T cell line ([H00002583-T01](#)) by B4GALNT1 MaxPab polyclonal antibody.

Lane 1: B4GALNT1 transfected lysate(36.08 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human B4GALNT1 protein.
Immunogen	B4GALNT1 (AAH29828.1, 1 a.a. ~ 328 a.a) full-length human protein.
Sequence	MWLGRRALCALVLLLACASLGLLYASTRDAPGLRLPLAPWAPPQSPRRPELPDLAPEPRYAHIPV RIKEQVVGLLAWNNCSCESSGGGLPLPFQKQVRAIDLTKAFDPAELRAASATREQEFQAFLSRS QSPADQLLIAPANSPLQYPLQGVEVQPLRSILVPGLSLQAASGQEVYQVNLTA SLGTWDVAGEVT GVTLTGEGQADLT LVSPGLDQLNRQLQLVTYSSRSYQNTADTGARPGWRDGGAGQTEKNQKG WSGQMAEGMGGIWAMARAVQPHNGCFNWT SRARGRK GAFVHLGLEQARGKPEPWWCLPFRP TVGGPRKRLV
Host	Mouse
Reactivity	Human
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 — B4GALNT1

Entrez GeneID [2583](#)

GeneBank Accession# [BC029828.1](#)

Protein Accession# [AAH29828.1](#)

Gene Name B4GALNT1

Gene Alias GALGT, GALNACT

Gene Description beta-1,4-N-acetyl-galactosaminyl transferase 1

Omim ID [601873](#)

Gene Ontology [Hyperlink](#)

Gene Summary GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. [provided by RefSeq]

Other Designations GD2 synthase, GM2 synthase[GalNAc-T|UDP-Gal:betaGlcNAc beta-1,4-N-acetylgalactosaminyltransferase transferase 1|UDP-N-acetyl-alpha-D-galactosamine:(N-acetylneuraminy)-galactosylglucosylceramide N-acetylgalactosaminyltransferase (GalNAc-T)]beta1,4GalNAc-T

Pathway

- [Glycosphingolipid biosynthesis - ganglio series](#)
- [Metabolic pathways](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)