

DNAxPAb

Hard-to-Find
Antibody

B3GNT5 DNAxPab

Catalog # H00084002-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human B3GNT5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRMLVSGRRVKKWQLIIQLFATCFLASLMFFWEPIDNHIVSHMKSSYSYRYLINSYDFVNDTSLKHT SAGPRYQYLINHKCKQAQDVLLLLFVKTAPENYDRSGIRRTWGNENYRSQLNANIKTLFALGT PNPLEGEELQRKLAWEDQRYNDIIQQDFVDSFYNLTKLLMQFSWANTYCPHAKFLMTADDDIFIH MPNLIEYLSLEQIGVQDFWIGRVHRGAPPIRDKSSKYYVSYEMYQWPAYPDYTAGAAYVISGDVA AKVYEASQTLNSSLYDDVFMGLCANKIGVQPDHVFFSGEGKTPYHPCYEKMMTSHGHLEDLQD LWKNATDPKVKTIKSGFFGQYCRMLMKIILLCKISYVDTYPCRAAFI
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — B3GNT5

Entrez GeneID	84002
GeneBank Accession#	NM_032047.4
Protein Accession#	NP_114436.1
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](#)