

DNAxPAb

Hard-to-Find
Antibody

GCNT1 DNAxPAb

Catalog # H00002650-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human GCNT1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MLRTLLRRRLFSYPTKYFMVLVLSLITFSVLRIHQKPEFVSVRHLELAGENPSSDINCTKVLQGDV
NEIQVKLEILTVKFKKRPRWTPDDYINMTSDCSSFIKRRKYVEPLSKEEAEFPIAYSIVHHKIEML
DRLLRAYMPQNFYCIHVDTKSEDSYLAAVMGIASCFSNVVASRLESVVYASWSRVQADLNCMK
DLYAMSANWKYLINLCGMDFPKTNLEIVRKLLMGENNLETERMPSHKEERWKKRYEVVNGKL
TNTGTVKMLPPLETPLFSGSAYFVVSREYVGYVLQNEKIQKLMEWAQDTYSPDEYLWATIQRPEV
PGSLPASHKYDLSDMQAVARFVKWQYFEGDVSKGAPYPYPCDGVHVRVCIFGAGDLNWMLRK
HHLFANKFDVDVDFAIQCLDEHLRHKALET LKH

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 — GCNT1

Entrez GeneID	2650
GeneBank Accession#	NM_001490.3
Protein Accession#	NP_001481.2
Gene Name	GCNT1
Gene Alias	C2GNT, C2GNT-L, C2GNT1, G6NT, MGC126335, MGC126336, NACGT2, NAGCT2
Gene Description	glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltransferase)
Omim ID	600391
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the beta-1,6-N-acetylglucosaminyltransferase gene family. It is essential to the formation of Gal beta 1-3(GlcNAc beta 1-6)GalNAc structures and the core 2 O-glycan branch. The gene coding this enzyme was originally mapped to 9q21, but was later localized to 9q13. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000021502 beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase beta-1,6-N-acetylglucosaminyltransferase core 2 GnT core 2 beta-1,6-N-acetylglucosaminyltransferase core 2 branching enzyme

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)