

GCNT1 rabbit monoclonal antibody

Catalog # H00002650-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GCNT1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GCNT1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GCNT1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GCNT1

Entrez GeneID	2650
GeneBank Accession#	GCNT1
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](#)