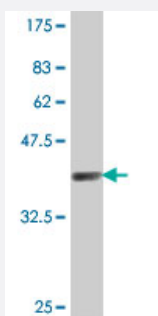


GALNT1 polyclonal antibody (A01)

Catalog # H00002589-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (35.13 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GALNT1.
Immunogen	GALNT1 (NP_065207, 42 a.a. ~ 123 a.a) partial recombinant protein with GST tag.
Sequence	LPAGDVLEPVQKPHEGPGEMGKPVVIPKEDQEKMFKINQFNLMASEMIALNRS LPDVRLEG CKTKVYPDNLPTTSVVIV
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.13 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GALNT1

Entrez GeneID	2589
GeneBank Accession#	NM_020474
Protein Accession#	NP_065207
Gene Name	GALNT1
Gene Alias	GALNAC-T1
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalNAC-T1)
Omim ID	602273
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglactosaminyltransferase (GalNAC-T) family of enzymes. GalNAC-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAC to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAC transferase motif, and a C-terminal ricin/lectin-like domain. GalNAC-Ts have different, but overlapping, substrate specificities and patterns of expression. Transcript variants derived from this gene that utilize alternative polyA signals have been described in the literature. [provided by RefSeq]
Other Designations	GalNAC transferase 1 UDP-GalNAC:polypeptide N-acetylgalactosaminyltransferase 1 polypeptide N-acetylgalactosaminyltransferase 1 protein-UDP acetylgalactosaminyltransferase 1

Pathway

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

Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)