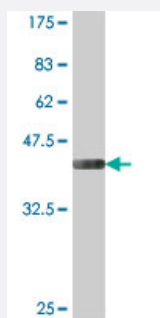


GALNT9 polyclonal antibody (A01)

Catalog # H00050614-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GALNT9.
Immunogen	GALNT9 (NP_068580, 138 a.a. ~ 237 a.a) partial recombinant protein with GST tag.
Sequence	SADGLLQLGPLGSTAFLPDSKCLVDDGTGRMPTLKKCEDVARPTQRLWDFQTSGPMSRATGRC LEVEMSKDANFGLRLVVQRCSGQKWMIRNWIKHARH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 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 — GALNT9

Entrez GeneID [50614](#)

GeneBank Accession# [NM_021808](#)

Protein Accession# [NP_068580](#)

Gene Name GALNT9

Gene Alias GALNAC-T9

Gene Description UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9 (GalNAC-T9)

Omim ID [606251](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (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. This gene is expressed specifically in the brain, with highest expression in the cerebellum. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations GalNAC transferase 9|UDP-GalNAC: polypeptide N-acetylgalactosaminyltransferase 9|UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 9|polypeptide N-acetylgalactosaminyltransferase 9|protein-UDP acetylgalactosaminyltransferase

Pathway

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