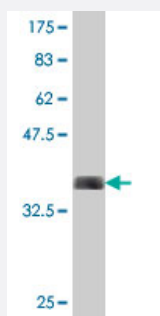


GALNT6 polyclonal antibody (A01)

Catalog # H00011226-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GALNT6.
Immunogen	GALNT6 (NP_009141, 523 a.a. ~ 622 a.a) partial recombinant protein with GST tag.
Sequence	IMYSCHGLGGNQYFEYTTQRDLRHNIAKQLCLHVSKGALGLGSCHFTGKNSQVPKDEEWELAQD QLIRNSGSGTCLTSQDKKPAMAPCNPSPHQLWLFV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)
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 — GALNT6

Entrez GeneID [11226](#)

GeneBank Accession# [NM_007210](#)

Protein Accession# [NP_009141](#)

Gene Name GALNT6

Gene Alias GALNAC-T6, GalNAcT6

Gene Description UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6)

Omim ID [605148](#)

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. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin. [provided by RefSeq]

Other Designations GalNAc transferase 6|UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 6|polypeptide N-acetylgalactosaminyltransferase 6|protein-UDP acetylgalactosaminyltransferase 6

Pathway

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

Disease

- [Tobacco Use Disorder](#)