

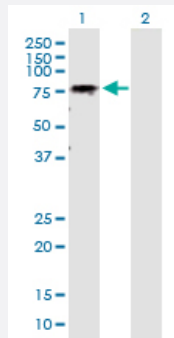
MaxPab®

GALNT6 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00011226-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GALNT6 expression in transfected 293T cell line ([H00011226-T02](#)) by GALNT6 MaxPab polyclonal antibody.

Lane 1: GALNT6 transfected lysate(71.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GALNT6 protein.
Immunogen	GALNT6 (NP_009141.2, 1 a.a. ~ 622 a.a) full-length human protein.
Sequence	MRLRRRHMPRLRLAMVGAFVLFLLHRDVSSREEATEKPWLKSLVSRKDHVLDLMLEAMNNL RDSMPKLQIRAPEAQQTFLFSINQSCLPGFYTPAELKPFWERPPQDPNAPGADGKAFQKSKWTPL ETQEKEEGYKKHCFNAFASDRISLQSRSLGPDTRPPECVDQKFRRCPPLATTSVIMFHNEAWSTLL RTVYSVLHHTPAILLKEILVDDASTEHLKEKLEQYVKQLQVVRVVRQEERKGLITARLLGASVAQA EVLTFDAHCECFHGWLEPLLARIAEDKTVVVSPPDIVTIDLNTFEFAKPVQGRVHSGNFDWSLT FGWETLPPHEKQRRKDETYPIKSPTFAGGLFSISKSYFEHIGTYDNQMEMWGGENVEMSFRVWQC GGQLEIIPCSVVGHVFRTKSPHTFPKGTSVIARNQVRLAEVWMSYKKIFYRRNLQAAKMAQEKSF GDISERLQLREQLHCHNFSWYLHNVPYEMFVDPDLTPTFYGAIKNLGTNQCLDVGENNRGGKPLIMY SCHGLGGNQYFEYTTQRDLRHNAKQLCLHVSKGALGLGSCHFTGKNSQVPKDEEWELAQDQLI RNSGSGTCLTSQDKKPAMAPCNPSDPHQLWLFV
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (87)

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.

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[Protocol Download](#)

Gene Info — GALNT6

Entrez GeneID	11226
GeneBank Accession#	BC035822.1
Protein Accession#	NP_009141.2
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]
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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](#)