

DNAxPAb

Hard-to-Find
Antibody

GALNT6 DNAxPab

Catalog # H00011226-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human GALNT6 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MRLRRRRHMPRLAMVGCAFVLFLLHRDVSSREEATEKPWLKSLVSRKDHVLDLMLEAMNNL
RDSMPKLQIRAPEAQQTLSINQSCLPGFYTPAELKPFWERPPQDPNAPGADGKAFQKSKWTPL
ETQEKEEGYKKHCFNAFASDRISLQSRSLGPDTRPPECVDQKFRRCPPLATTSVIMFHNEAWSTLL
RTVYSVLHTTPAILLKEILVDDASTEHLKEKLEQYVKQLQVVRVVRQEERKGLITARLLGASVAQA
EVLTFDLAHCECFHGWLEPLLARIAEDKTVVVSVDITDLNTEFAKPVQGRVHSGNFDWSLT
FGWETLPPHEKQRRKDETYPIKSPTFAGGLFSISKSYFEHIGTYDNQMEWGGENVMSFRVWQC
GGQLEIIPC SVVGHVFR TKSPHTFPKGTSVIARNQVRLAEVWMDSYKKIFYRRNLQAAKMAQEKSF
GDISERLQLREQLHCHNFSWYLHNVPYEMFV PDLTPTFYGAIKNLGTNQCLDVGENNRGGKPLIMY
SCHGLGGNQYFEYTTQRDLRHNI AKQLCLHVSKGALGLGSCHFTGKNSQVPKDEEWELAQDQLI
RNSGSGTCLTSQDKKPAMAPCNPSDPHQLWLFV

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — GALNT6

Entrez GeneID [11226](#)

GeneBank Accession# [NM_007210.3](#)

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]

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](#)