

DNAXPAb

Hard-to-Find
Antibody

GALNT4 DNAXPab

Catalog # H00008693-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human GALNT4 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	RARELGSRRLSGLQKNTEDLSRPLYKKPPADSRALGEWKGASKLQLNEDELKQQEELIERYAINY LSDRISLHRHIEDKRMYECKSQKFNYRTLPTTSVIAFYNEAWSTLLRTIHSVLETSPAVLLKEIILVDD LSDRVYLKTQLETYISNLDRVRLIRTNKREGLVRARLIGATFATGDVLTFLDCHCECNSGWLEPLLE RIGRDETAVVCPVIDTIDWNTFEFYMQIGEPMIGGFWDRLTFQWHSVPKQERDRRISRIDPIRSPTM AGGLFAVSKKYFQYLGTYDTGMEVWGGENLELSFRVWQCGGKLEIHPCSHVGHVFPKRAPYAR PNFLQNTARAAEVWMDEYKEHFYNRNPPARKEAYGDISERKLLRERLRCKSFDWYLKNVFPNLH VPEDRPGWHGAIRSRGISSECLDYNPDNNPTGANLSLFGCHGQGGNQFFEYTSNKEIRFNSVTE LCAEVPEQKNYVGMQNCPKDGFVPANIMWHFKEDGTIFHPSGLCLSAYRTPEGRPDVQMRTC DALDKNQWSFEK
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 — GALNT4

Entrez GeneID	8693
GeneBank Accession#	BC036390
Protein Accession#	AAH36390
Gene Name	GALNT4
Gene Alias	GALNAC-T4, GalNAcT4
Gene Description	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 4 (GalNAc-T4)
Omim ID	603565
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. In vitro, the encoded protein can complement other GalNAc-Ts in the complete O-glycosylation of the mucin-1 tandem repeat and can O-glycosylate the P-selectin glycoprotein ligand-1 molecule. The coding region of this gene is contained within a single exon. [provided by RefSeq]
Other Designations	GalNAc transferase 4 UDP-GalNAc: polypeptide N-acetylgalactosaminyltransferase 4 polypeptide N-acetylgalactosaminyltransferase 4 protein-UDP acetylgalactosaminyltransferase 4

Pathway

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

Disease

- [Coronary Artery Disease](#)