GALNT6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GALNT6, Polyclonal Antibody
Full Product Name	GALNT6 (Polypeptide N-acetylgalactosaminyltransferase 6, Polypeptide GalNAc Transferase 6, pp-GaNTase 6, GalNAcT6, GalNAc-T6, N-acetylgalact
Product Gene Name	anti-GALNT6 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human GALNT6.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human GALNT6, aa1-622 (NP_009141.2).
Immunogen Sequence	MRLLRRRHMPLRLAMVGCAFVLFLFLLHRDVSSREEATEKPWLKSLVSRKDHVLDLMLEAMNNLRDSMPKLQIRAPEAQQTLFSINQSCLPGFYTPAELK
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-GALNT6 antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-GALNT6 antibody	Western Blot (WB)
Application Notes for anti-GALNT6 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GALNT6 antibody	Catalyzes the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine resi
Other Notes	Small volumes of anti-GALNT6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece

Searchable Terms for GALNT6 purchase	MBS6379338 is an antibody targeting GALNT6. Also known as GALNT6 (Polypeptide N-acetylgalactosaminyltransferase 6, Polypeptide GalNAc Trans

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GALNT6. It may not necessarily be applicable to this product.

NCBI GI #	23274203
NCBI GeneID	11226
NCBI Accession #	BC035822.1
UniProt Related Accession #	Q8NCL4
NCBI Official Full Name	Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6 (GalNAc-T6), mRNA
NCBI Official Synonym Full Names	polypeptide N-acetylgalactosaminyltransferase 6
NCBI Official Symbol	GALNT6
NCBI Official Synonym Symbols	GalNAcT6; GALNAC-T6
Protein Family	Polypeptide N-acetylgalactosaminyltransferase
NCBI Protein Information	polypeptide N-acetylgalactosaminyltransferase 6
NCBI Summary for GALNT6	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 lumenal 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, Jul 2008]
Research Articles on GALNT6	**1.** the 15-glycogene signature and the expression levels of GALNT6 mRNA and protein each serve as a novel prognostic biomarker, highlighting the role of dysregulated glycogenes in cancer-associated glycan synthesis and poor prognosis
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