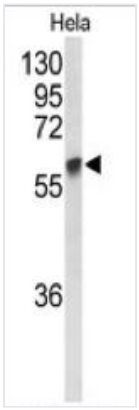
GALNT2 Antibody – Rabbit Polyclonal

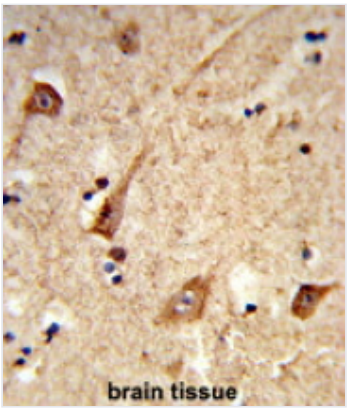
PRODUCT OVERVIEW

Product Name	GALNT2, Polyclonal Antibody
Full Product Name	GALNT2, NT (GALNT2, Polypeptide N-acetylgalactosaminyltransferase 2, Polypeptide GalNAc transferase 2, Protein-UDP acetylgalactosaminyltransferase 2, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2, Polypeptide N-acetylgalactosaminyltransferase
Product Gene Name	anti-GALNT2 antibody
Product Synonym Names	GALNT2; Polypeptide N-acetylgalactosaminyltransferase 2; Polypeptide GalNAc transferase 2; Protein-UDP acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; Polypeptide N-acetylgalactosaminyltransferase 2 soluble form
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 Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human GALNT2.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	30,256 Da
OMIM	602274
3D Structure	ModBase 3D Structure for Q10471
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 26-53 in the N-terminal region of human GALNT2, UniProt Accession #Q10471.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-GALNT2 antibody	Antibodies; Enzymes; Glycosyltransferase
Applications Tested/Suitable for anti-GALNT2 antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-GALNT2 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.

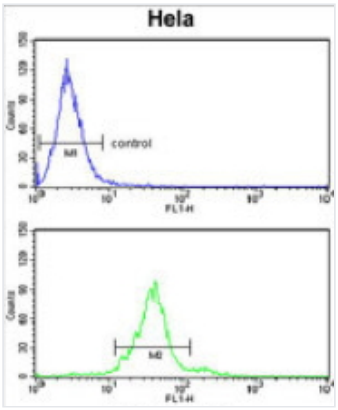
Related Product Information for anti-GALNT2 antibody	GALNT2 encodes polypeptide N-acetylgalactosaminyltransferase 2, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation in a cell is regulated by a repertoire of GalNAc-transferases.
Product References and Citations for anti-GALNT2 antibody	1. Weissglas-Volkov, D. Circ Cardiovasc Genet 3 (1), 31-38 (2010). 2. Hegele, R.A. Hum. Mol. Genet. 18 (21), 4189-4194 (2009). 3. Nakayama, K. J. Med. Genet. 46 (6), 370-374 (2009).
Other Notes	Small volumes of anti-GALNT2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GALNT2 purchase	MBS6301116 is an antibody targeting GALNT2. Also known as GALNT2, NT (GALNT2, Polypeptide N-acetylgalactosaminyltransferase 2, Polypeptide GalNAc transferase 2, Protein-UDP acetylgalactosaminyltransferase 2, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2, Polypeptide N-acetylgalactosaminyltransferase. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-GALNT2 antibody
Western Blot analysis in Hela cell line lysates (35ug/lane) usingMBS6009540. GALNT2 (arrow) was detected using the purified Pab.



Immunohistochemistry (IHC) of anti-GALNT2 antibody
Immunohistochemistry analysis in formalin-fixed and paraffin-embedded human brain tissue reacted withMBS6009540, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of MBS6009540 for immunohistochemistry



Flow Cytometry (FC/FACS) of anti-GALNT2 antibody
Flow Cytometry analysis of Hela cells using MBS6009540 (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GALNT2. It may not necessarily be applicable to this product.

NCBI GI #	4758412
NCBI GeneID	2590
NCBI Accession #	NP_004472

UniProt Primary Accession #	Q10471
UniProt Secondary Accession #	Q9NPY4; A8K1Y3; B7Z8V8; C5HU00
UniProt Related Accession #	Q10471
GenBank Nucleotide #	NM_004481
NCBI Official Full Name	polypeptide N-acetylgalactosaminyltransferase 2
NCBI Official Synonym Full Names	polypeptide N-acetylgalactosaminyltransferase 2
NCBI Official Symbol	GALNT2
NCBI Official Synonym Symbols	GalNAc-T2
UniProt Protein Name	Polypeptide N-acetylgalactosaminyltransferase 2
UniProt Synonym Protein Names	Polypeptide GalNAc transferase 2; GalNAc-T2; pp-GaNTase 2; Protein-UDP acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2Polypeptide N-acetylgalactosaminyltransferase 2 soluble form
Protein Family	Polypeptide N-acetylgalactosaminyltransferase
UniProt Gene Name	GALNT2
UniProt Synonym Gene Names	GalNAc-T2; pp-GaNTase 2
UniProt Entry Name	GALT2_HUMAN
NCBI Protein Information	polypeptide N-acetylgalactosaminyltransferase 2; UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase 2; UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 2 (GalNAc-T2); polypeptide GalNAc transferase 2; pp-GaNTase 2
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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