GCNT6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GCNT6, Polyclonal Antibody
Full Product Name	GCNT6 Antibody
Product Gene Name	anti-GCNT6 antibody
Product Synonym Names	Beta-1; 3-galactosyl-O-glycosyl-glycoprotein beta-1; 6-N-acetylglucosaminyltransferase 6; EC 2.4.1.-
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Specificity	The antibody detects endogenous levels of total GCNT6 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	44,527 Da
Chromosome Location	Chromosome: 6; NC_000006.11 (10633993..10647501). Location: 6p24.2
3D Structure	ModBase 3D Structure for Q5T4J0
Immunogen	Synthesized peptide derived from internal of human GCNT6.
Product Categories/Family for anti-GCNT6 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GCNT6 antibody	Western Blot (WB)
Application Notes for anti-GCNT6 antibody	WB: 1:500~1:3000
Related Product Information for anti-GCNT6 antibody	MBS8588059 is an antibody targeting GCNT6. Also known as GCNT6 Antibody. Reactive in Human, Mouse. Host: Rabbit. Glycosyltransferase By similarity.
Product References and Citations for anti-GCNT6 antibody	Mungall A.J., Nature 425:805-811 (2003)
Other Notes	Small volumes of anti-GCNT6 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GCNT6. It may not necessarily be applicable to this product.

NCBI GI #	156630798

NCBI GeneID	644378
NCBI Accession #	Q5T4J0.2
UniProt Primary Accession #	Q5T4J0
UniProt Related Accession #	Q5T4J0
NCBI Official Full Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 6
NCBI Official Synonym Full Names	glucosaminyl (N-acetyl) transferase 6
NCBI Official Symbol	GCNT6
NCBI Official Synonym Symbols	bA421M1.3
UniProt Protein Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 6
Protein Family	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase
UniProt Gene Name	GCNT6
UniProt Entry Name	GCNT6_HUMAN
NCBI Protein Information	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 6; glucosaminyl (N-acetyl) transferase 6
UniProt Comments for GCNT6	GCNT6: Glycosyltransferase. Belongs to the glycosyltransferase 14 family. Protein type: EC 2.4.1.-; Transferase; Membrane protein, integral Chromosomal Location of Human Ortholog: 6p24.2 Cellular Component: Golgi membrane; integral to membrane Molecular Function: acetylglucosaminyltransferase activity Biological Process: protein amino acid glycosylation
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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