



B3GN2 rabbit pAb

Catalog No	YP-Ab-08322
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	B3GNT2 B3GALT7 B3GNT1
Immunogen	Synthesized peptide derived from human B3GN2 AA range: 190-240
Specificity	This antibody detects endogenous levels of B3GN2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	B3GN T4;Beta 1;3 Gn T4;3 N acetylglucosaminyltransferase 4;3 N acetylglucosaminyltransferase bGn T4;Beta3Gn T4;BGnT4;EC 2.4.1.-;UDP GlcNAc:betaGal beta 1;B3GN2;B3GNT2 B3GALT7 B3GNT1
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Golgi apparatus membrane ; Single-pass type II membrane protein .
Tissue Specificity	Ubiquitous.
Function	catalytic activity:UDP-N-acetyl-D-glucosamine + beta-D-galactosyl-(1->4)-N-acetyl-D-glucosaminyl-R = UDP + N-acetyl-beta-D-glucosaminyl-(1->3)-beta-D-galactosyl-(1->4)-N-acetyl-D-glucos aminyl-R.,caution:Was indicated as B3Gal-T6 in submitted DNA entries.,cofactor:Manganese.,function:Can initiate the synthesis or the elongation of the linear poly-N-acetyllactosaminoglycans.,function:Catalyzes the initiation and elongation of poly-N-acetyllactosamine chains.,online information:GlycoGene database,online information:N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase,online information:UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1, pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 31 family.,tissue specificity:In the adult, highly expressed in



heart, brain, skeletal muscle and kidney and to a lesser extent in placenta

Background

This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2016],

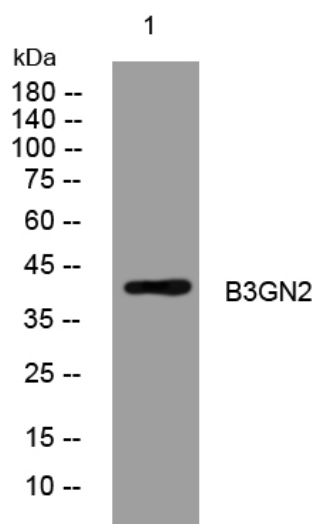
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night