

B3GT5 Polyclonal Antibody

Catalog No :	YN0499
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	B3GT5
Fields :	>>Glycosphingolipid biosynthesis - lacto and neolacto series;>>Glycosphingolipid biosynthesis - globo and isoglobo series;>>Metabolic pathways
Gene Name :	B3GALT5
Protein Name :	Beta-1,3-galactosyltransferase 5 (Beta-1,3-GalTase 5) (Beta3Gal-T5) (Beta3GalT5) (b3Gal-T5) (EC 2.4.1.-) (Beta-3-Gx-T5) (UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 5) (UDP-galactose:beta-N-ace
Human Gene Id :	10317
Human Swiss Prot No :	Q9Y2C3
Mouse Swiss Prot No :	Q9JI67
Immunogen :	Synthesized peptide derived from human protein . at AA range: 50-130
Specificity :	B3GT5 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Observed Band : 34kD

Cell Pathway : Glycosphingolipid biosynthesis; Glycosphingolipid biosynthesis;

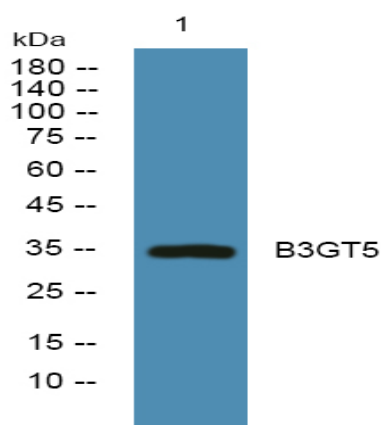
Background : This gene encodes a member of a family of membrane-bound glycoproteins. The encoded protein may synthesize type 1 Lewis antigens, which are elevated in gastrointestinal and pancreatic cancers. Alternatively spliced transcript variants have been observed for this gene, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2013],

Function : function: Catalyzes the transfer of Gal to GlcNAc-based acceptors with a preference for the core3 O-linked glycan GlcNAc(beta1,3)GalNAc structure. Can use glycolipid LC3Cer as an efficient acceptor., online information: Beta-1,3-galactosyltransferase 5, online information: GlycoGene database, pathway: Protein modification; protein glycosylation., similarity: Belongs to the glycosyltransferase 31 family., tissue specificity: Expressed in stomach, jejunum, colon, pancreas, small intestine, testis and gastrointestinal and pancreatic cancer cell lines. Hardly detected in lung, liver, adrenal gland and peripheral blood leukocytes.,

Subcellular Location : Golgi apparatus membrane ; Single-pass type II membrane protein .

Expression : Expressed in stomach, jejunum, colon, pancreas, small intestine, testis and gastrointestinal and pancreatic cancer cell lines. Hardly detected in lung, liver, adrenal gland and peripheral blood leukocytes.

Products Images



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