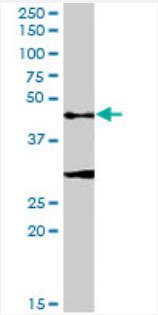
B3GNT2 polyclonal antibody

Catalog # PAB7522 Size 100 ug

Applications



Western Blot (Tissue lysate)

B3GNT2 polyclonal antibody (Cat # PAB7522) (0.1 ug/mL) staining of human pancreas lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of B3GNT2.
Immunogen	A synthetic peptide corresponding to human B3GNT2.
Sequence	C-EKHKGFRTFDIE
Host	Goat
Theoretical MW (kDa)	46
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — B3GNT2

Entrez GeneID	10678
Protein Accession#	NP_006568.2
Gene Name	B3GNT2
Gene Alias	B3GN-T1, B3GN-T2, B3GNT, B3GNT-2, B3GNT1, BETA3GNT
Gene Description	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2
Omim ID	605581
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzym e is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involve d in the biosynthesis of poly-N-acetyllactosamine chains. [provided by RefSeq
Other Designations	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1|beta-1,3-N-acetylglucosaminylt ransferase bGnT-1|beta-1,3-N-acetylglucosaminyltransferase bGnT-2|beta3gal-T5

Publication Reference

- Association between expression levels of CA 19-9 and N-acetylglucosamine-beta;1,3-galactosyltransferase 5 gene in human pancreatic cancer tissue.

  Hayashi N, Nakamori S, Okami J, Nagano H, Dono K, Umeshita K, Sakon M, Narimatsu H, Monden M.

  Pathobiology 2004 Oct; 71(1):26.

Pathway

- Glycosphingolipid biosynthesis - lacto and neolacto series
- Keratan sulfate biosynthesis
- Metabolic pathways