Immunotag™ α4Gn-T Polyclonal Antibody

Antibody Specification

Catalog No.	ITT5000
Product Description	Immunotag™ α4Gn-T Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	α 4Gn-T
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human A4GNT. AA range:31-80
Specificity	α4Gn-T Polyclonal Antibody detects endogenous levels of α4Gn-T protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	A4GNT
Accession No.	Q9UNA3
Alternate Names	A4GNT; Alpha-1; 4-N-acetylglucosaminyltransferase; Alpha4GnT

Antibody Specification

Description	alpha-1,4-N-acetylglucosaminyltransferase(A4GNT) Homo sapiens This gene encodes a protein from the glycosyltransferase 32 family. The enzyme catalyzes the transfer of N-acetylglucosamine (GlcNAc) to core 2 branched O-glycans. It forms a unique glycan, GlcNAcalpha1-->4Galbeta-->R and is largely associated with the Golgi apparatus membrane. [provided by RefSeq, Jul 2008],
Protein Expression	Stomach,
Subcellular Localization	Golgi membrane,membrane,integral component of membrane,
Protein Function	domain:The conserved DXD motif is involved in enzyme activity.,function:Necessary for the synthesis of type III mucin. Catalyzes the transfer of N-acetylglucosamine (GlcNAc) to core 2 branched O-glycans.,online information:Alpha-1,4-N-acetylglucosaminyltransferase,online information:GlycoGene database,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 32 family.,tissue specificity:Detected in stomach and pancreas.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.