

α4Gn-T Polyclonal Antibody

Catalog No :	YT5000
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	α4Gn-T
Gene Name :	A4GNT
Protein Name :	Alpha-1,4-N-acetylglucosaminyltransferase
Human Gene Id :	51146
Human Swiss Prot No :	Q9UNA3
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.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
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 :	39kD
Background :	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, GlcNAc α 1 \rightarrow 4Gal β \rightarrow R and is largely associated with the Golgi apparatus membrane. [provided by RefSeq, Jul 2008],

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.,

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

Expression : Detected in stomach and pancreas.

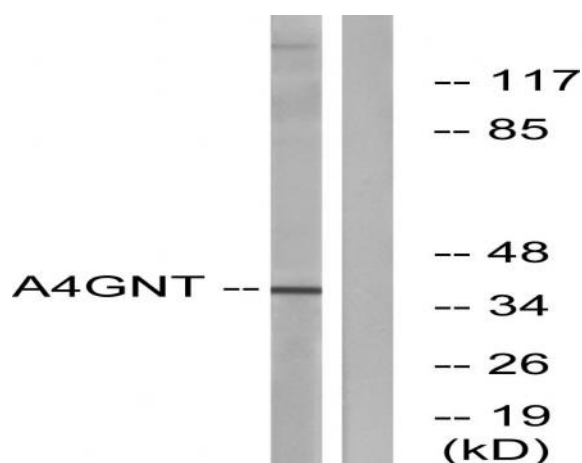
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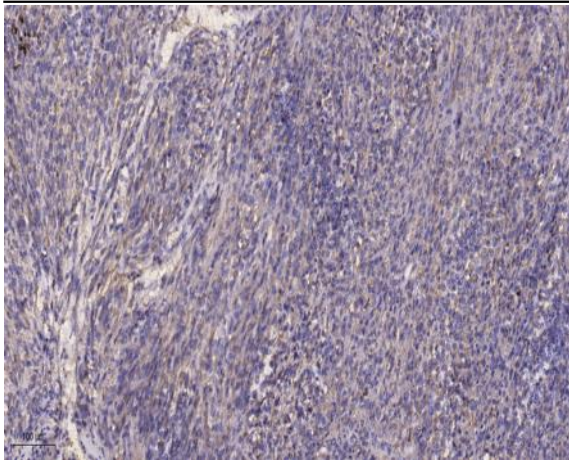
No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images





Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).