

Product Name: α 4Gn-T Rabbit Polyclonal Antibody
Catalog #: APRab20333



Summary

Production Name	α 4Gn-T Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	A4GNT
Alternative Names	A4GNT; Alpha-1; 4-N-acetylglucosaminyltransferase; Alpha4GnT
Gene ID	51146.0
SwissProt ID	Q9UNA3.The antiserum was produced against synthesized peptide derived from human A4GNT. AA range:31-80

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	39kD

Background

This gene encodes a protein from the glycosyltransferase 32 family. The enzyme catalyzes the transfer of N-

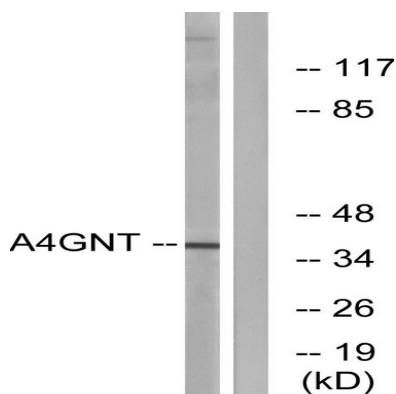
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acetylglucosamine (GlcNAc) to core 2 branched O-glycans. It forms a unique glycan, GlcNAc α 1-4Gal β R and is largely associated with the Golgi apparatus membrane. [provided by RefSeq, Jul 2008],domain:The conserved DXD motif is involved in enzyme 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.,

Research Area

Image Data



Western blot analysis of lysates from K562 cells, using A4GNT Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.