

Datasheet for ABIN6136306  
**anti-A4GNT antibody (AA 1-340)**



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1 Image

## Overview

Quantity:	100 µL
Target:	A4GNT
Binding Specificity:	AA 1-340
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This A4GNT antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-340 of human A4GNT (NP_057245.1).
Sequence:	MRKELQLSLS VLLLLVCGFL YQFTLKSSCL FCLPSFKSHQ GLEALLSHRR GIVFLETSER MEPPHLVSCS VESAAYIPE WPVVFMMKGL TDSTPMPNS TYPAFSFLSA IDNVFLFPLD MKRLLEDTPL FSWYNQINAS AERNWLHISS DASRLAIWK YGGIYMDTDV ISIRPIPEEN FLAAQASRYS SNGIFGFLPH HPFLWECMEN FVEHYNSAIW GNQGPELMTR MLRVWCKLED FQEVSDLRCL NISFLHPQRF YPISYREWRR YVEVWDTEPS FNVSYALHLW NHMNQEGRAV IRGSNTLVEN LYRKHCPRTY RDLIKGPEGS VTGELGPGNK
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: A4GNT

Alternative Name: A4GNT ([A4GNT Products](#))

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 $\alpha$ 1 $\rightarrow$ 4Gal $\beta$  $\rightarrow$ R and is largely associated with the Golgi apparatus membrane.,A4GNT,alpha4GnT,alpha-1,Cancer,Signal Transduction,Endocrine & Metabolism,A4GNT

Molecular Weight: 39 kDa

Gene ID: 51146

UniProt: [Q9UNA3](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

Comment: HIGH QUALITY

Restrictions: For Research Use only

## Handling

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Format: Liquid

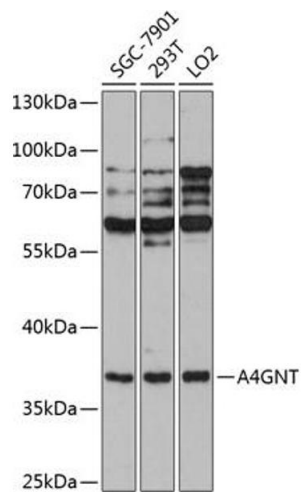
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using GNT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.