

# GALNT6 Rabbit pAb

**Catalog No.: A14853**

## Basic Information

### Observed MW

71kDa

### Calculated MW

71kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

## Background

This gene encodes a member of the UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase (GalNAc-T) family of enzymes. GalNAc-Ts initiate mucin-type O-linked glycosylation in the Golgi apparatus by catalyzing the transfer of GalNAc to serine and threonine residues on target proteins. They are characterized by an N-terminal transmembrane domain, a stem region, a luminal catalytic domain containing a GT1 motif and Gal/GalNAc transferase motif, and a C-terminal ricin/lectin-like domain. GalNAc-Ts have different, but overlapping, substrate specificities and patterns of expression. The encoded protein is capable of glycosylating fibronectin peptide in vitro and is expressed in a fibroblast cell line, indicating that it may be involved in the synthesis of oncofetal fibronectin.

## Recommended Dilutions

**WB** 1:500 - 1:2000

## Immunogen Information

### Gene ID

11226

### Swiss Prot

Q8NCL4

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-140 of human GALNT6 (NP\_009141.2).

### Synonyms

GalNAcT6; GALNAC-T6; GALNT6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

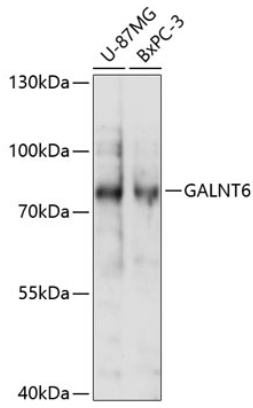
### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using GALNT6 Rabbit pAb (A14853) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.