

# GALNT3 Rabbit pAb

**Catalog No.: A13985**

## Basic Information

### Observed MW

73kDa

### Calculated MW

73kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes UDP-GalNAc transferase 3, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation is regulated by a repertoire of GalNAc-transferases. The protein encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities.

## Recommended Dilutions

|               |                |
|---------------|----------------|
| <b>WB</b>     | 1:500 - 1:1000 |
| <b>IHC-P</b>  | 1:50 - 1:200   |
| <b>IF/ICC</b> | 1:50 - 1:200   |

## Immunogen Information

### Gene ID

2591

### Swiss Prot

Q14435

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 43-160 of human GALNT3 (NP\_004473.2).

### Synonyms

HHS; HFTC; HFTC1; GalNAc-T3; GALNT3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

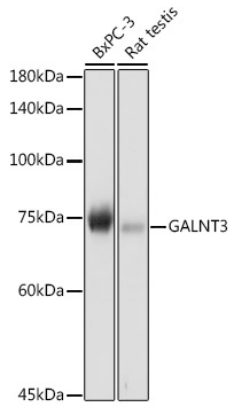
Affinity purification

### Storage

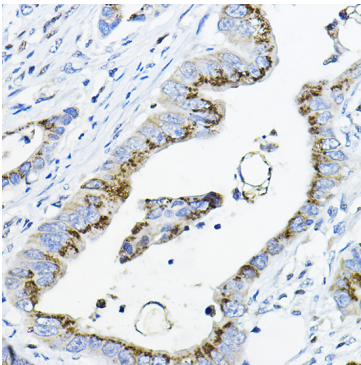
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

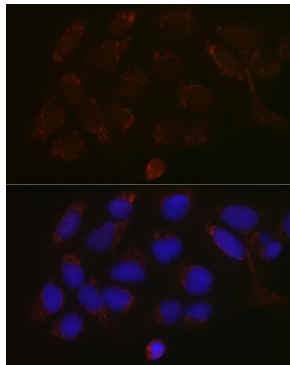
## Validation Data



Western blot analysis of various lysates using GALNT3 Rabbit pAb (A13985) 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.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using GALNT3 Rabbit pAb (A13985) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of U-2 OS cells using GALNT3 Rabbit pAb (A13985) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.