

# B4GALNT1 Rabbit Polyclonal Antibody



CAB3874

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

80kDa

### Calculated MW:

35kDa/52kDa/58kDa

### Applications:

WB IHC

### Reactivity:

Human

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1, 4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

2583

### Uniprot

Q00973

### Synonyms:

B4GALNT1; GALGT; GALNACT; GalNAc-T; SPG26; beta-1

### Immunogen:

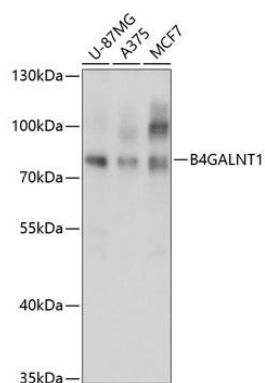
Recombinant fusion protein containing a sequence corresponding to amino acids 26-240 of human B4GALNT1 (NP\_001263398.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using B4GALNT1 antibody (CAB3874) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.