

# ST3GAL4 Rabbit pAb

Catalog No.: A6309

## Basic Information

### Observed MW

50-55kDa

### Calculated MW

38kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Mouse

## Background

This gene encodes a member of the glycosyltransferase 29 family, a group of enzymes involved in protein glycosylation. The encoded protein is targeted to Golgi membranes but may be proteolytically processed and secreted. The gene product may also be involved in the increased expression of sialyl Lewis X antigen seen in inflammatory responses. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

### Gene ID

6484

### Swiss Prot

Q11206

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 27-267 of human ST3GAL4 (NP\_006269.1).

### Synonyms

STZ; SAT3; ST-4; CGS23; SIAT4; NANTA3; SIAT4C; ST3GalIV; ST3GalA.2; gal-NAc6S; ST3GAL4

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

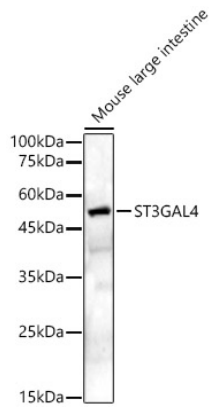
### Storage

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

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

## Validation Data

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Western blot analysis of Mouse large intestine, using ST3GAL4 antibody (A6309) at 1:400 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: 90s.