

# COLGALT1 Rabbit pAb

Catalog No.: A16571

## Basic Information

### Observed MW

72kDa

### Calculated MW

72kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The protein encoded by this gene is one of two enzymes that transfers galactose moieties to hydroxylysine residues of collagen and mannose binding lectin. This gene is constitutively expressed and encodes a soluble protein that localizes to the endoplasmic reticulum.

## Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

79709

### Swiss Prot

Q8NBJ5

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-230 of human COLGALT1 (NP\_078932.2).

### Synonyms

BSVD3; GLT25D1; ColGalT 1; COLGALT1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

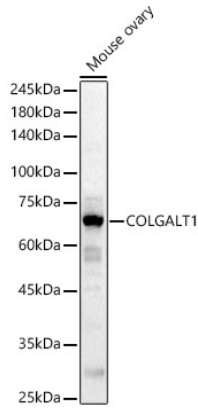
Affinity purification

### Storage

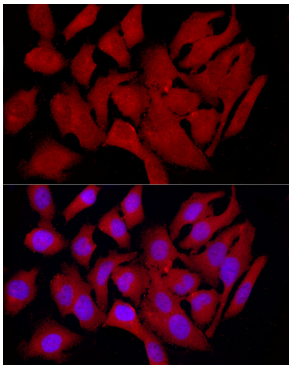
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

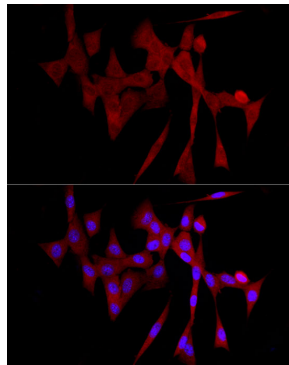
## Validation Data



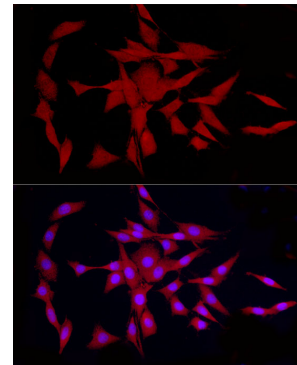
Western blot analysis of Mouse ovary, using COLGALT1 antibody (A16571) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



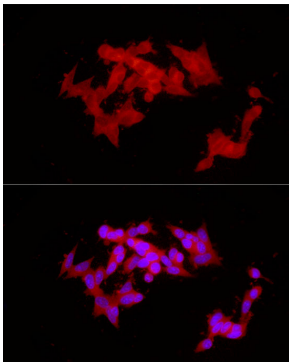
Immunofluorescence analysis of HeLa cells using COLGALT1 Rabbit pAb (A16571) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using COLGALT1 Rabbit pAb (A16571) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using COLGALT1 Rabbit pAb (A16571) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of SH-SY5Y cells using COLGALT1 Rabbit pAb (A16571) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.