

For Research Use Only

# CSGALNACT1 Polyclonal antibody

Catalog Number: 26913-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

26913-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG25455

**GenBank Accession Number:**

BC060772

**GeneID (NCBI):**

55790

**UNIPROT ID:**

Q8TDX6

**Full Name:**

chondroitin sulfate N-acetylgalactosaminyltransferase 1

**Calculated MW:**

61 kDa

**Observed MW:**

61-68 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human

**Cited Species:**

mouse

**Positive Controls:**

WB : PC-3 cells, MCF-7 cells

IP : PC-3 cells,

## Background Information

CSGalNACT-1 (chondroitin sulfate N-acetylgalactosaminyltransferase-1), catalyzing the transfer of a GalNAc residue onto the nonreducing end of GlcA, is a key glycosyltransferase for chondroitin sulfate (CS) biosynthesis in cartilage. Abnormal expression of CSGalNACT-1 in cartilage has been linked to diseases like osteoarthritis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Margery L Evans	29886539	Methods Mol Biol	WB
Shoichiro Maeda	35797426	Br J Pharmacol	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

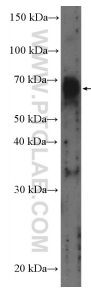
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

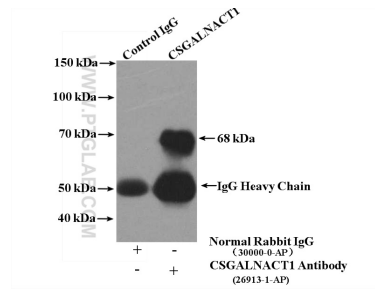
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 26913-1-AP (CSGALNACT1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-CSGALNACT1 (IP:26913-1-AP, 4ug; Detection:26913-1-AP 1:1000) with PC-3 cells lysate 3200ug.