

For Research Use Only

CSGALNACT1 Polyclonal antibody

Catalog Number: 26913-1-AP

2 Publications



Basic Information

Catalog Number:

26913-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, 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

*** 20ul sizes contain 0.1% BSA

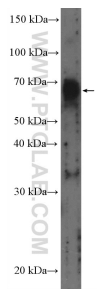
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

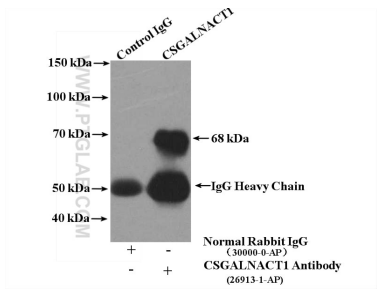
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.