

For Research Use Only

# Syndecan-3 Polyclonal antibody

Catalog Number: 10886-1-AP

6 Publications



## Basic Information

### Catalog Number:

10886-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1317

### GenBank Accession Number:

BC013974

### GeneID (NCBI):

9672

### UNIPROT ID:

O75056

### Full Name:

syndecan 3

### Calculated MW:

38 kDa

### Observed MW:

60-70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** A549 cells, MCF-7 cells, rat kidney tissue, Jurkat cells, mouse kidney tissue, L02 cells, SH-SY5Y cells, mouse lung tissue, rat lung tissue

**IP:** mouse lung tissue, A549 cells

**IHC:** human colon cancer tissue,

**IF/ICC:** PC-12 cells, MCF-7 cells

## Background Information

Syndecan-3 is a member of the Syndecan proteoglycan family. It plays a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism.

## Notable Publications

Author	Pubmed ID	Journal	Application
Guozhi Yang	36086752	Medicine (Baltimore)	IHC
Apostolos Mikroulis	36361981	Int J Mol Sci	IF
Yu-Ja Huang	28596239	J Cell Sci	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

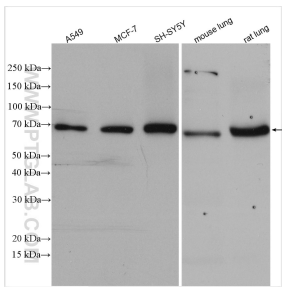
For technical support and original validation data for this product please contact:

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

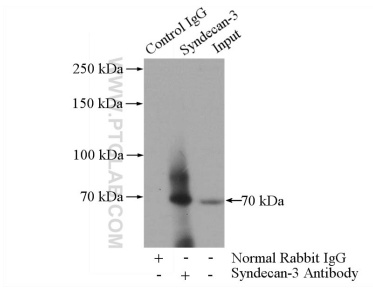
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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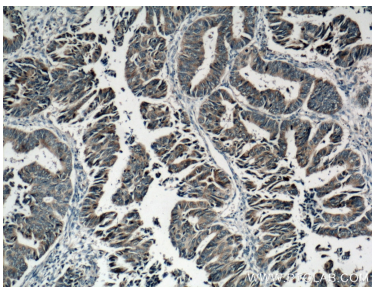
Selected Validation Data



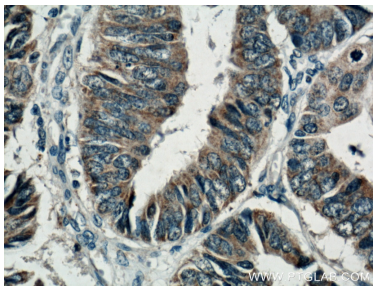
Various lysates were subjected to SDS PAGE followed by western blot with 10886-1-AP (Syndecan-3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



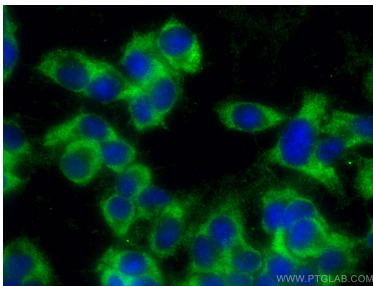
IP result of anti-Syndecan-3 (IP:10886-1-AP, 4ug; Detection:10886-1-AP 1:1000) with mouse lung tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10886-1-AP (Syndecan-3 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 10886-1-AP (Syndecan-3 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-12 cells using Syndecan-3 antibody (10886-1-AP) at dilution of 1:200 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L).