

For Research Use Only

Syndecan-3 Polyclonal antibody

Catalog Number: 10886-1-AP

7 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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

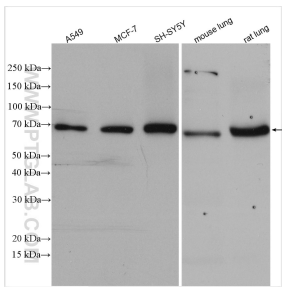
For technical support and original validation data for this product please contact:

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

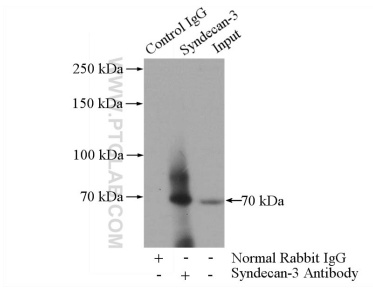
E: proteintech@ptglab.com
W: ptglab.com

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

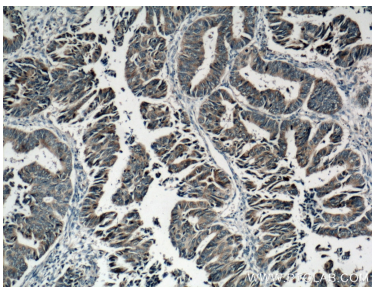
Selected Validation Data



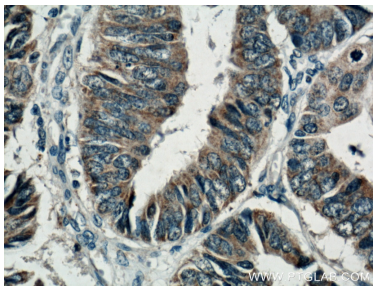
Various lysates were subjected to SDS PAGE followed by western blot with 10886-1-AP (Syndecan-3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



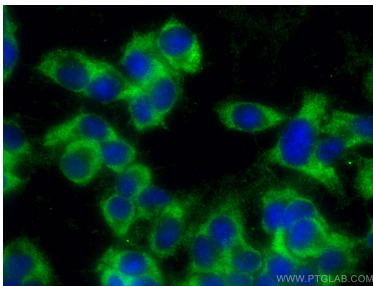
IP result of anti-Syndecan-3 (IP:10886-1-AP, 4ug; Detection:10886-1-AP 1:1000) with mouse lung tissue lysate 4000ug.



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).