

For Research Use Only

# SDC4 Polyclonal antibody, PBS Only

Catalog Number: 11820-1-PBS

Featured Product



## Basic Information

Catalog Number:

11820-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2388

GenBank Accession Number:

BC030805

GeneID (NCBI):

6385

UNIPROT ID:

P31431

Full Name:

syndecan 4

Calculated MW:

22 kDa

Observed MW:

22-26 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

SDC4, also named as syndecan 4, is a cell surface proteoglycan that bears heparan sulfate, which is involved in normal wound healing. It has been reported that SDC4 may be associated with keratinocyte proliferation and differentiation in the epidermis. SDC4 also plays a key role in the angiogenesis and inflammation. The predicted MW of SDC4 is 22 kDa and 11820-1-AP antibody recognizes a protein around 24-26 kDa and 48-52 kDa (homodimer) which is similar to the papers. (PMID: 20639201, 21949132; 18638267; 30165731)

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

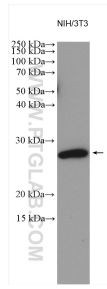
T: 4006900926

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

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

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

## Selected Validation Data



NIH/3T3 lysates were subjected to SDS PAGE followed by western blot with 11820-1-AP (SDC4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11820-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 11820-1-AP (SDC4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11820-1-PBS in a different storage buffer formulation.