

For Research Use Only

# Beta Sarcoglycan Polyclonal antibody

Catalog Number: 11936-1-AP

5 Publications



## Basic Information

### Catalog Number:

11936-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2533

### GenBank Accession Number:

BC020709

### GeneID (NCBI):

6443

### UNIPROT ID:

Q16585

### Full Name:

sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)

### Calculated MW:

318 aa, 35 kDa

### Observed MW:

45-48 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**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 : mouse skeletal muscle tissue,

IHC : human colon tissue,

## Background Information

SGCB is a 43-kD component of the dystrophin-glycoprotein complex.

## Notable Publications

Author	Pubmed ID	Journal	Application
Liping Zhang	34411833	Phytomedicine	WB
Lei Yan	39481225	Acta Histochem	WB,IHC
Yanni Xue	39442444	J Pharm Biomed Anal	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

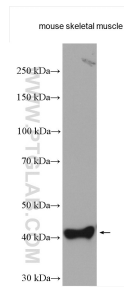
For technical support and original validation data for this product please contact:

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

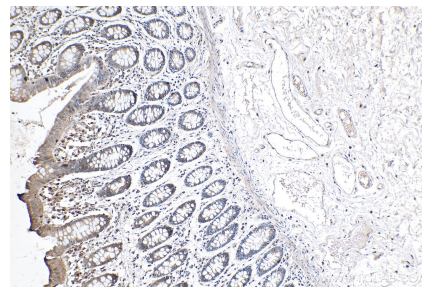
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 11936-1-AP (Beta Sarcoglycan antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 11936-1-AP (Beta Sarcoglycan antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).