

For Research Use Only

# SERPINB6 Polyclonal antibody

Catalog Number: 14962-1-AP

Featured Product

5 Publications



## Basic Information

**Catalog Number:**

14962-1-AP

**Size:**

150ul, Concentration: 450 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6824

**GenBank Accession Number:**

BC001394

**GeneID (NCBI):**

5269

**UNIPROT ID:**

P35237

**Full Name:**

serpin peptidase inhibitor, clade B (ovalbumin), member 6

**Calculated MW:**

43 kDa

**Observed MW:**

42 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:18000

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

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

human, mouse

**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:** HeLa cells, human placenta tissue, mouse skeletal muscle tissue, HepG2 cells, MCF-7 cells

**IP:** human placenta tissue,

**IHC:** human skeletal muscle tissue,

**IF/ICC:** HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Flora Cozzolino	32886703	PLoS One	WB
Yu-Jie Zhou	36216310	Cell Mol Gastroenterol Hepatol	WB,IHC
Hiroki Nakata	28455723	Cell Tissue Res	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

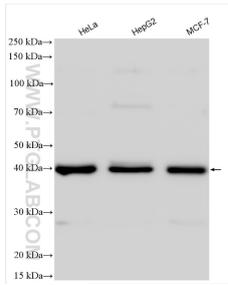
For technical support and original validation data for this product please contact:

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

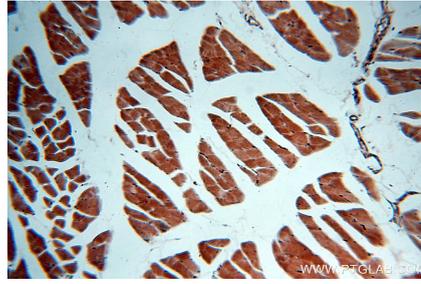
E: proteintech@ptglab.com  
W: ptglab.com

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

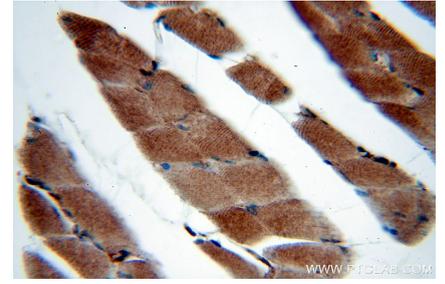
## Selected Validation Data



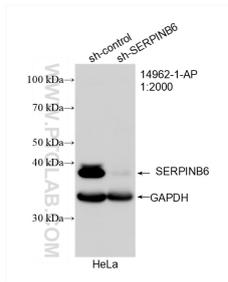
Various lysates were subjected to SDS PAGE followed by western blot with 14962-1-AP (SERPINB6 antibody) at dilution of 1:9000 incubated at room temperature for 1.5 hours.



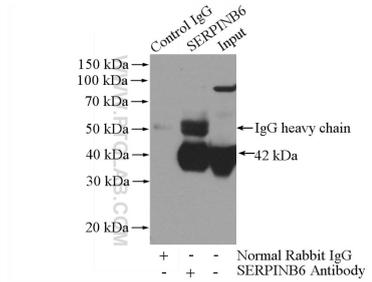
Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 14962-1-AP (SERPINB6 antibody) at dilution of 1:50 (under 10x lens).



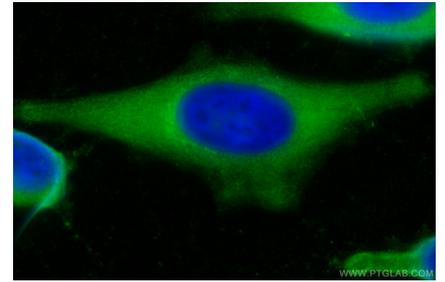
Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 14962-1-AP (SERPINB6 antibody) at dilution of 1:50 (under 40x lens).



WB result of SERPINB6 antibody (14962-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SERPINB6 transfected HeLa cells.



IP result of anti-SERPINB6 (IP:14962-1-AP, 4 $\mu$ g; Detection:14962-1-AP 1:500) with human placenta tissue lysate 1520 $\mu$ g.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using SERPINB6 antibody (14962-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).