

For Research Use Only

# Symplekin Polyclonal antibody

Catalog Number: 11519-1-AP

1 Publications



## Basic Information

### Catalog Number:

11519-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2081

### GenBank Accession Number:

BC006567

### GeneID (NCBI):

8189

### UNIPROT ID:

Q92797

### Full Name:

symplekin

### Calculated MW:

1274 aa, 141 kDa

### Observed MW:

150 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

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 : K-562 cells, MCF-7 cells

IP : K-562 cells,

IHC : human testis tissue, human colon cancer tissue, human liver tissue, human placenta tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Rui Wu	34434935	Front Cell Dev Biol	WB,IF

## 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)

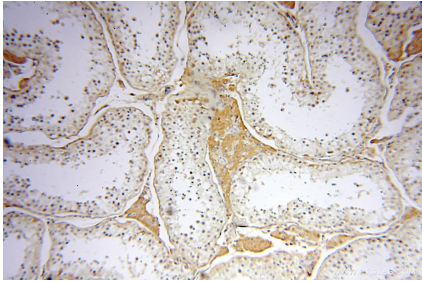
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

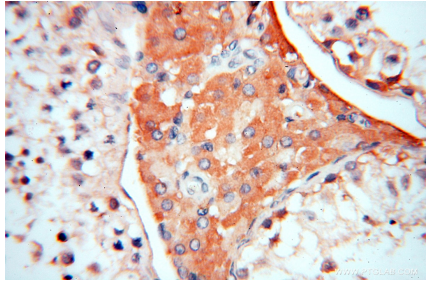
Selected Validation Data



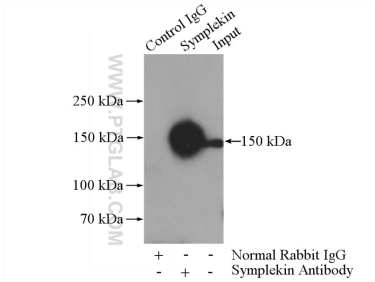
K-562 cells were subjected to SDS PAGE followed by western blot with 11519-1-AP (Symplekin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 11519-1-AP (Symplekin antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 11519-1-AP (Symplekin antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-Symplekin (IP:11519-1-AP, 4ug; Detection:11519-1-AP 1:500) with K-562 cells lysate 3600ug.