

For Research Use Only

# SRP9 Polyclonal antibody

Catalog Number: 11195-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

11195-1-AP

### Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 533 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1683

### GenBank Accession Number:

BC015094

### GeneID (NCBI):

6726

### UNIPROT ID:

P49458

### Full Name:

signal recognition particle 9kDa

### Calculated MW:

10 kDa

### Observed MW:

10 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 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IP

### 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:** HepG2 cells, A2780 cells, HeLa cells, MCF-7 cells, SKOV-3 cells, mouse colon tissue, HuH-7 cells

**IP:** HepG2 cells,

**IHC:** human prostate cancer tissue,

## Background Information

Signal recognition particle 9 (SRP9) is component of the signal recognition particle (SRP), which is a ribonucleoprotein complex that mediates the targeting of proteins to the rough endoplasmic reticulum (ER). SRP9 form a heterodimer with SRP14, which involves in arrest of the elongation of the nascent chains during targeting to ensure efficient translocation of the preprotein.

## Notable Publications

Author	Pubmed ID	Journal	Application
Evan P Booy	30247708	Nucleic Acids Res	WB, IP
Evan P Booy	33410401	J Biol Chem	WB
Gizem Erdoğan	34727289	Mol Biol Rep	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

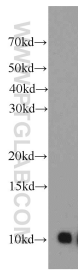
For technical support and original validation data for this product please contact:

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

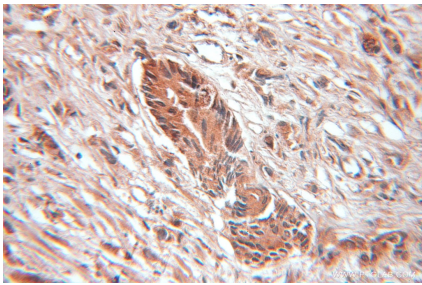
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

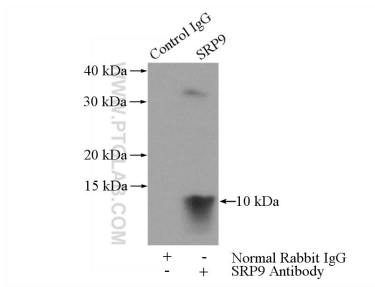
Selected Validation Data



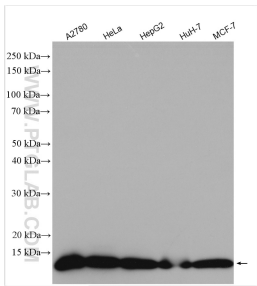
HepG2 cells were subjected to SDS PAGE followed by western blot with 11195-1-AP (SRP9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



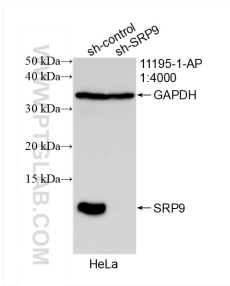
Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11195-1-AP (SRP9 antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-SRP9 (IP:11195-1-AP, 3ug; Detection:11195-1-AP 1:500) with HepG2 cells lysate 3600ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11195-1-AP (SRP9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of SRP9 antibody (11195-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SRP9 transfected HeLa cells.