

For Research Use Only

# SRP9 Polyclonal antibody

Catalog Number: 11195-1-AP

Featured Product

10 Publications



## Basic Information

<b>Catalog Number:</b> 11195-1-AP	<b>GenBank Accession Number:</b> BC015094	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 900 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6726	<b>Recommended Dilutions:</b> 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
<b>Source:</b> Rabbit	<b>Full Name:</b> signal recognition particle 9kDa	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 10 kDa	
<b>Immunogen Catalog Number:</b> AG1683	<b>Observed MW:</b> 10 kDa	

## Applications

**Tested Applications:**  
IHC, IP, WB, ELISA

**Cited Applications:**  
IHC, IP, WB

**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

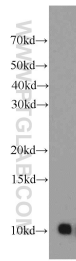
For technical support and original validation data for this product please contact:

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

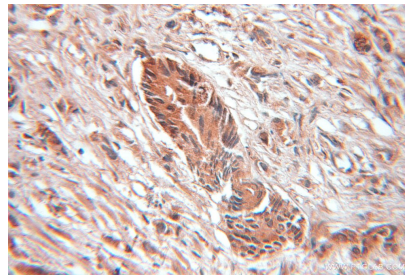
E: proteintech@ptglab.com  
W: ptglab.com

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

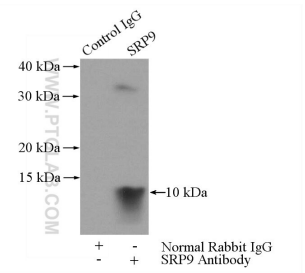
## Selected Validation Data



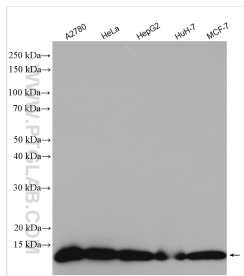
HepG2 cells were subjected to SDS PAGE followed by western blot with 11195-1-AP (SRP9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



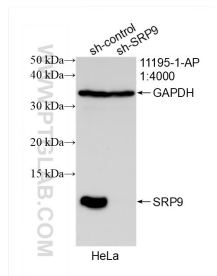
Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11195-1-AP (SRP9 antibody) at dilution of 1:100 (under 10x lens).



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.