

For Research Use Only

# SNRPA Recombinant antibody, PBS Only

Catalog Number: 86259-3-PBS



## Basic Information

Catalog Number:	86259-3-PBS	GenBank Accession Number:	BC000405	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI):	6626	CloneNo.:	251055G1
Source:	Rabbit	UNIPROT ID:	P09012		
Isotype:	IgG	Full Name:	small nuclear ribonucleoprotein polypeptide A		
Immunogen Catalog Number:	AG0283	Calculated MW:	31 kDa		
		Observed MW:	31 kDa		

## Applications

Tested Applications:  
WB, IF/ICC, Indirect ELISA

Species Specificity:  
human, mouse, rat

## Background Information

Heterogeneous nuclear ribonucleoproteins (hnRNPs) constitute a set of polypeptides that contribute to mRNA transcription, premRNA processing as well as mature mRNA transport to the cytoplasm and translation. They also bind heterogeneous nuclear RNA (hnRNA), which are the transcripts produced by RNA polymerase II. hnRNP A1 functions in the packaging of nascent RNA polymerase II transcripts and participates in a variety of nuclear and cytoplasmic processes that modulate gene expression. The RNA binding characteristics of hnRNP A1 suggest that it can modulate the expression of specific genes.

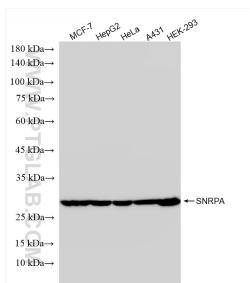
## Storage

Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

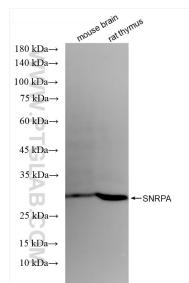
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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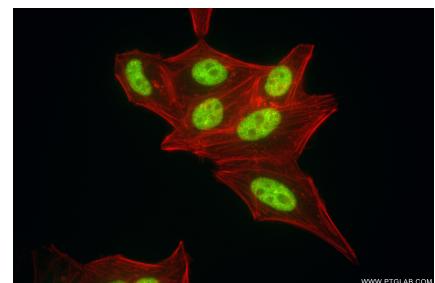
## Selected Validation Data



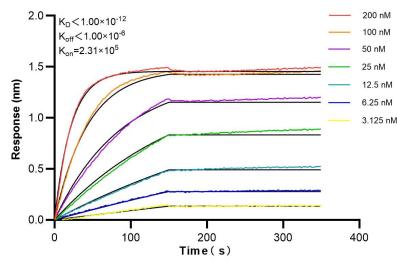
Various lysates were subjected to SDS PAGE followed by western blot with 86259-3-RR (SNRPA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86259-3-PBS in a different storage buffer formulation.



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Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SNRPA antibody (86259-3-RR, Clone: 251055G1) at dilution of 1:1000 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86259-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86259-3-RR against Human SNRPA were performed. The affinity constant is below 1 pM.