

For Research Use Only

SNRPA Recombinant antibody

Catalog Number: 86259-3-RR



Basic Information

Catalog Number:

86259-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0283

GenBank Accession Number:

BC000405

GeneID (NCBI):

6626

UNIPROT ID:

P09012

Full Name:

small nuclear ribonucleoprotein polypeptide A

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

251055G1

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:500-1:2000

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MCF-7 cells, mouse brain tissue, HepG2 cells, HeLa cells, A431 cells, HEK-293 cells, rat thymus tissue

IF/ICC : HepG2 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

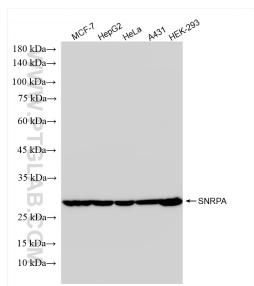
T: 4006900926

E: Proteintech-CN@ptglab.com

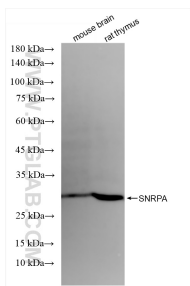
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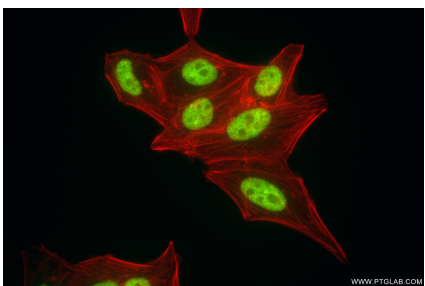
Selected Validation Data



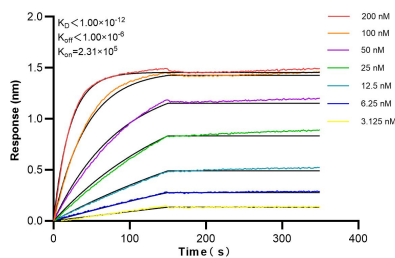
Various lysates were subjected to SDS PAGE followed by western blot with 86259-3-RR (SNRPA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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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).



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