

For Research Use Only

SNRPA Polyclonal antibody

Catalog Number:10212-1-AP

Featured Product

7 Publications



Basic Information

Catalog Number:

10212-1-AP

Size:

450 ug/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:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:250-1:1000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, ChIP, RIP

Species Specificity:

human, mouse

Cited Species:

human, canine

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 : HEK-293 cells, HeLa cells, A431 cells, HepG2 cells, mouse liver tissue

IP : HEK-293 cells,

IHC : human liver cancer tissue, human cervical cancer tissue, human colon tissue, human liver tissue, human stomach cancer 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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yusuke Hirata	25449265	Biochem Biophys Res Commun	WB
Xiaoju Li	35814401	Front Oncol	WB
Sikandar Azam	31107149	RNA Biol	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

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

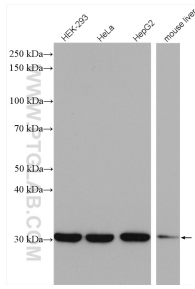
T: 4006900926

E: Proteintech-CN@ptglab.com

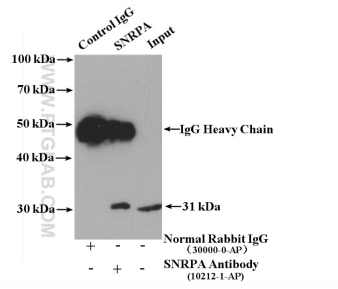
W: ptgcn.com

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

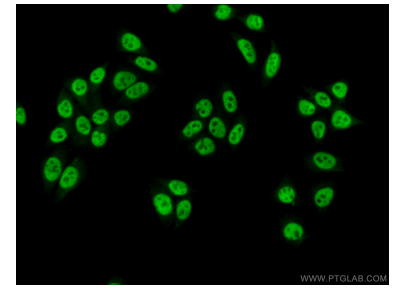
Selected Validation Data



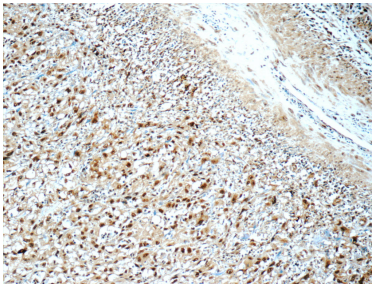
Various lysates were subjected to SDS PAGE followed by western blot with 10212-1-AP (SNRPA antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



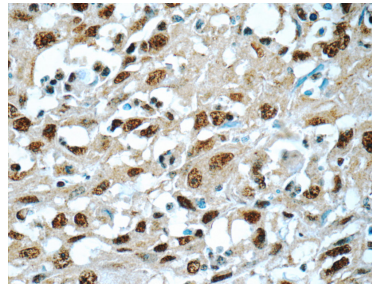
IP result of anti-SNRPA (IP:10212-1-AP, 4ug; Detection:10212-1-AP 1:500) with HEK-293 cells lysate 2000 ug.



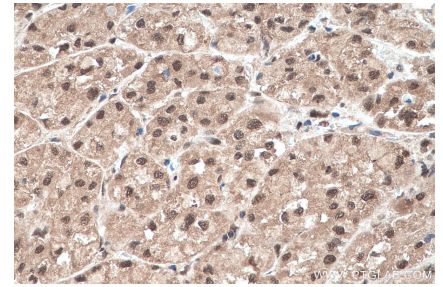
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 10212-1-AP (SNRPA antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 10212-1-AP (SNRPA Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 10212-1-AP (SNRPA Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10212-1-AP (SNRPA antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).