

For Research Use Only

SNRPB2 Polyclonal antibody

Catalog Number: 13512-1-AP **7 Publications**



Basic Information

Catalog Number:

13512-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4436

GenBank Accession Number:

BC036737

GeneID (NCBI):

6629

UNIPROT ID:

P08579

Full Name:

small nuclear ribonucleoprotein polypeptide B''

Calculated MW:

225 aa, 26, 5 kDa

Observed MW:

25-31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:20-1:200

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

WB, IP, IF, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

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: HeLa cells, human brain tissue, human kidney tissue, human liver tissue, mouse liver tissue, mouse lung tissue

IP: mouse liver tissue,

IHC: human cervical cancer tissue,

IF: HeLa cells,

Background Information

U2 small nuclear ribonucleoprotein B''(SNRPB2) is part of the U2 RNP particle, which associated with the branch point of the lariat-shaped intron, in intermediate in the cascade of mRNA precursor splicing event. Only in presence of the U2A' protein, SNRPB2 binds stem loop IV of U2 snRNA.

Notable Publications

Author	Pubmed ID	Journal	Application
Li Chen	27683217	Nucleic Acids Res	WB
Felice-Alessio Bava	23434754	Nature	WB
Bilada Bilican	23740897	Sci Transl Med	WB,IHC

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:

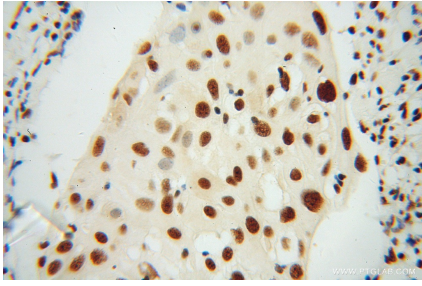
T: 4006900926

E: Proteintech-CN@ptglab.com

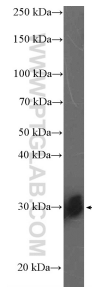
W: ptgcn.com

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

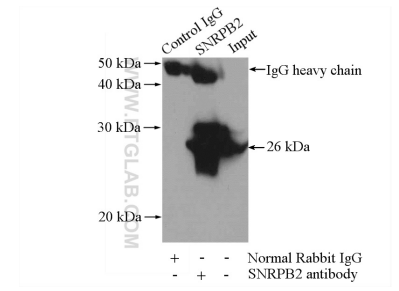
Selected Validation Data



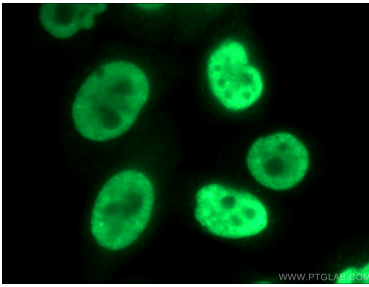
Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13512-1-AP (SNRPB2 antibody) at dilution of 1:100 (under 40x lens).



HeLa cells were subjected to SDS PAGE followed by western blot with 13512-1-AP (SNRPB2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-SNRPB2 (IP:13512-1-AP, 4ug; Detection:13512-1-AP 1:1000) with mouse liver tissue lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 13512-1-AP (SNRPB2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).