

For Research Use Only

SNRPB2 Polyclonal antibody

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



Basic Information

| | | |
|--|---|---|
| Catalog Number: 13512-1-AP | GenBank Accession Number: BC036737 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 247 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 6629 | Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB |
| Source: Rabbit | Full Name: small nuclear ribonucleoprotein polypeptide B" | IHC 1:20-1:200 IF 1:50-1:500 |
| Isotype: IgG | Calculated MW: 225 aa, 26, 5 kDa | |
| Immunogen Catalog Number: AG4436 | Observed MW: 25-31 kDa | |

Applications

| | |
|---|--|
| Tested Applications: IF, IHC, IP, WB, ELISA | Positive Controls: |
| Cited Applications: IF, IHC, IP, WB | WB : HeLa cells, human brain tissue, human kidney tissue, human liver tissue, mouse liver tissue, mouse lung tissue |
| Species Specificity: human, mouse, rat | IP : mouse liver tissue, |
| Cited Species: human | IHC : human cervical cancer tissue, IF : HeLa cells, |

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

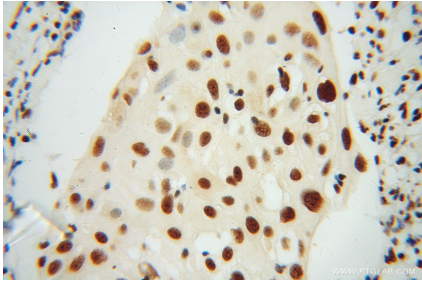
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

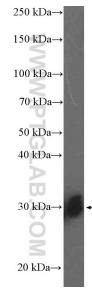
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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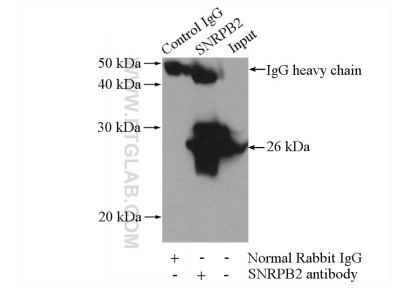
Selected Validation Data



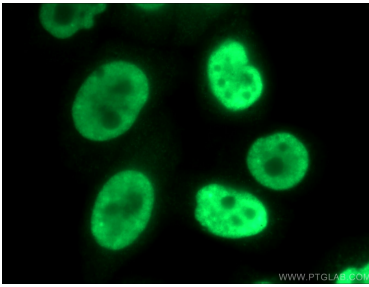
Immunohistochemical analysis of paraffin-embedded human cervical cancer using 13512-1-AP (SNRPB2 antibody) at dilution of 1:100 (under 40x lens).



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).