

For Research Use Only

SFRS7 Polyclonal antibody

Catalog Number: 11044-1-AP **2 Publications**



Basic Information

| | | |
|--|--|---|
| Catalog Number: 11044-1-AP | GenBank Accession Number: BC000997 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 6432 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200 |
| Source: Rabbit | Full Name: splicing factor, arginine/serine-rich 7, 35kDa | |
| Isotype: IgG | Calculated MW: 27 kDa | |
| Immunogen Catalog Number: AG1526 | Observed MW: 35 kDa | |

Applications

| | |
|--|---|
| Tested Applications: IF, IHC, WB, ELISA | Positive Controls: WB : HeLa cells, IHC : human prostate cancer tissue, IF : HepG2 cells, |
| Cited Applications: WB | |
| Species Specificity: human | |
| 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 | |

Background Information

SFRS7 is a member of the serine/arginine (SR) splicing factor family, which mediated the alternative splicing events target the resulting mRNAs for degradation by means of an RNA surveillance pathway called nonsense-mediated mRNA decay. It was found to repress the splicing of MAPT/Tau exon 10

Notable Publications

| Author | Pubmed ID | Journal | Application |
|--------------|-----------|-------------------|-------------|
| Kyung-Ha Lee | 27768896 | Cell | WB |
| Misbah Khan | 34096602 | Nucleic Acids Res | WB |

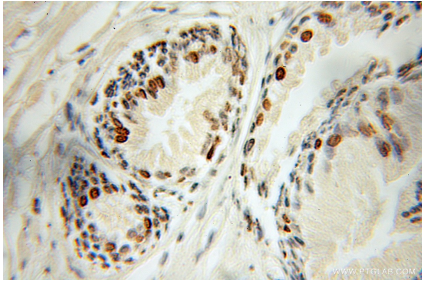
Storage

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

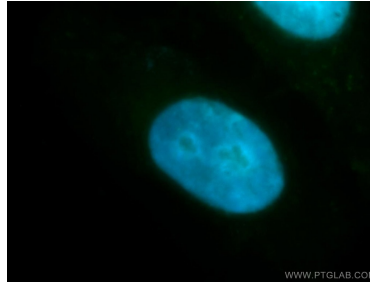
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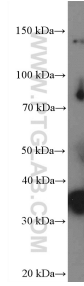
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11044-1-AP (SFRS7 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using SFRS7 antibody 11044-1-AP at 1:100 dilution and FITC-labeled donkey anti-rabbit IgG (green). Blue pseudocolor = DAPI (fluorescent DNA dye).



HeLa cells were subjected to SDS PAGE followed by western blot with 11044-1-AP (SFRS7 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.