

For Research Use Only

SFRS7 Polyclonal antibody

Catalog Number: 11044-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

11044-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1526

GenBank Accession Number:

BC000997

GeneID (NCBI):

6432

UNIPROT ID:

Q16629

Full Name:

splicing factor, arginine/serine-rich 7, 35kDa

Calculated MW:

27 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, IP

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: A549 cells, mouse testis tissue, rat testis tissue, HeLa cells, HepG2 cells, SKOV-3 cells

IHC: human breast cancer tissue,

IF/ICC: HepG2 cells,

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
Yixian Cun	34954129	Genomics Proteomics Bioinformatics	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

*** 20ul sizes contain 0.1% BSA

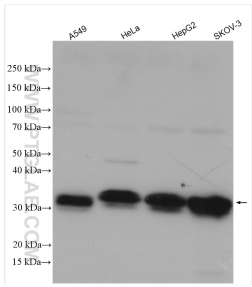
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

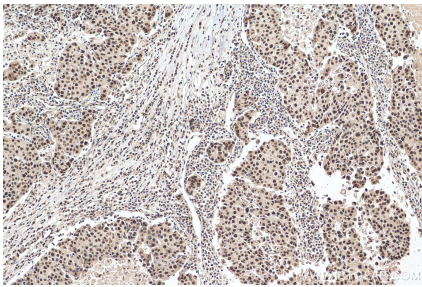
E: proteintech@ptglab.com
W: ptglab.com

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

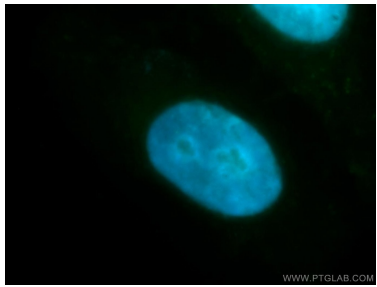
Selected Validation Data



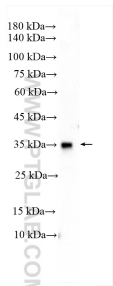
Various lysates were subjected to SDS PAGE followed by western blot with 11044-1-AP (SFRS7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



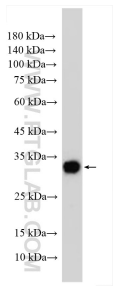
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11044-1-AP (SFRS7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11044-1-AP (SFRS7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 11044-1-AP (SFRS7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.