

For Research Use Only

# ASF/SF2 Polyclonal antibody

Catalog Number: 12929-2-AP

Featured Product

40 Publications



## Basic Information

### Catalog Number:

12929-2-AP

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG3626

### GenBank Accession Number:

BC010264

### GeneID (NCBI):

6426

### UNIPROT ID:

Q07955

### Full Name:

splicing factor, arginine/serine-rich 1

### Calculated MW:

248 aa, 28 kDa

### Observed MW:

28 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:9000

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

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP, RIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, pig

**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, mouse brain tissue, rat brain tissue

IP: mouse brain tissue,

IHC: human gliomas tissue,

IF/ICC: HeLa cells,

## Background Information

SFRS1, also named as ASF, SF2, SF2P33, SFRS1 and ASF-1, belongs to the splicing factor SR family. It plays a role in preventing exon skipping, ensuring the accuracy of splicing and regulating alternative splicing. SFRS1 interacts with other spliceosomal components, via the RS domains, to form a bridge between the 5'- and 3'-splice site binding components, U1 snRNP and U2AF. Isoform ASF-2 and isoform ASF-3 act as splicing repressors. This antibody can recognize all the 3 isoforms (28kd, 33kd and 22kd) of SFRS1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Gao	33173749	Adv Sci (Weinh)	WB, RIP
Indranil Malik	34542927	EMBO Mol Med	WB
Ru-Jia Liao	25224648	Clin Exp Pharmacol Physiol	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

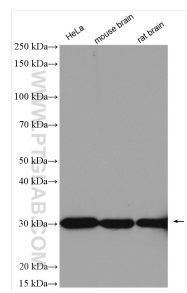
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

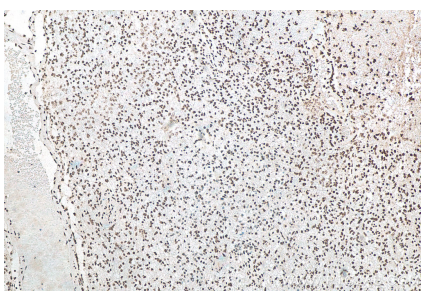
W: [ptgcn.com](http://ptgcn.com)

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

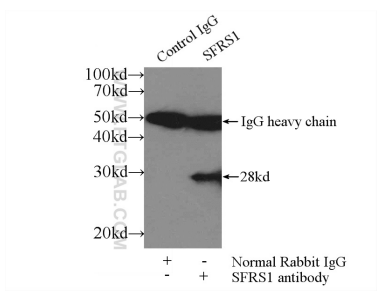
Selected Validation Data



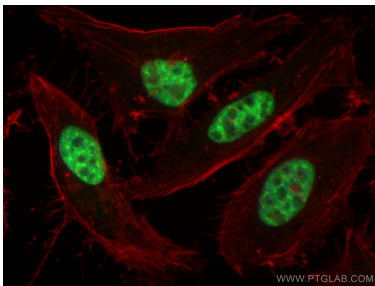
Various lysates were subjected to SDS PAGE followed by western blot with 12929-2-AP (ASF/SF2 antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12929-2-AP (ASF/SF2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-ASF/SF2 (IP:12929-2-AP, 3ug; Detection:12929-2-AP 1:500) with mouse brain tissue lysate 3600ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using ASF/SF2 antibody (12929-2-AP) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).