

For Research Use Only

# ASF/SF2 Polyclonal antibody

Catalog Number: 12929-2-AP

Featured Product

28 Publications



## Basic Information

**Catalog Number:**

12929-2-AP

**Size:**

600 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, RIP, IHC, CoIP

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse, 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: 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	CoIP
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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

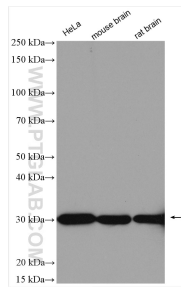
T: 4006900926

E: Proteintech-CN@ptglab.com

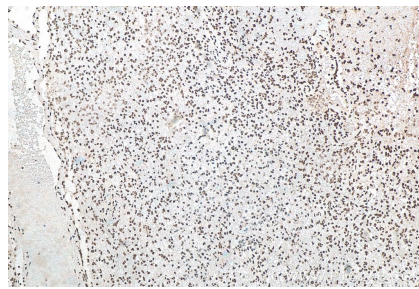
W: ptgcn.com

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

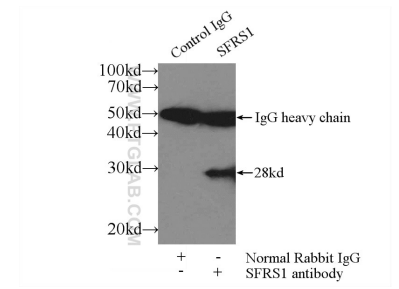
## Selected Validation Data



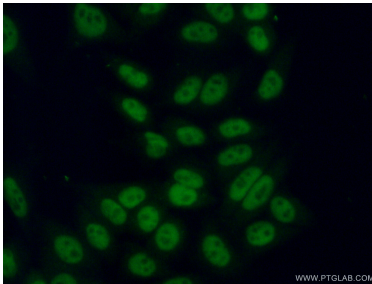
Various lysates were subjected to SDS PAGE followed by western blot with 12929-2-AP (ASF/SF2 antibody) at dilution of 1:4500 incubated at room temperature for 1.5 hours.



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 (10% Formaldehyde) fixed HeLa cells using 12929-2-AP (ASF/SF2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).