

For Research Use Only

ASF/SF2 Polyclonal antibody

Catalog Number: 12929-2-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

12929-2-AP

Size:

150UL, Concentration: 333 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3626

GenBank Accession Number:

BC010264

GeneID (NCBI):

6426

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 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

RIP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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: human brain tissue, HeLa cells, human ileum tissue, human placenta tissue, mouse brain tissue

IP: mouse brain tissue,

IHC: human gliomas tissue, human ovary tumor 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
Ru-Jia Liao	25224648	Clin Exp Pharmacol Physiol	WB
Chao Huang	24196533	Am J Physiol Cell Physiol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

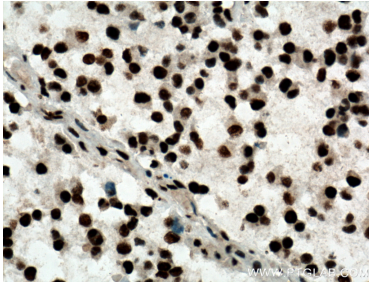
For technical support and original validation data for this product please contact:

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

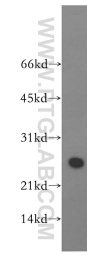
E: proteintech@ptglab.com
W: ptglab.com

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

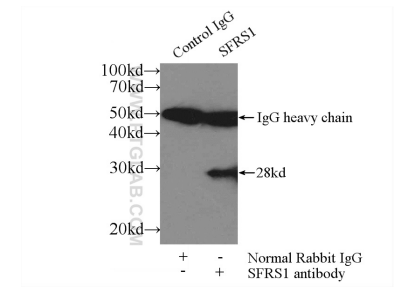
Selected Validation Data



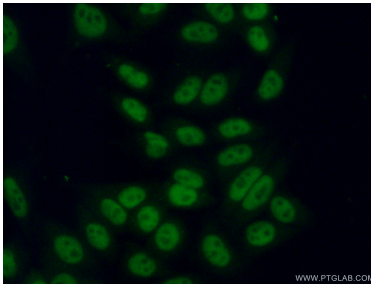
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12929-2-AP (ASF/SF2 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



human brain tissue were subjected to SDS PAGE followed by western blot with 12929-2-AP (ASF/SF2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).