For Research Use Only

SFRS9 Polyclonal antibody

Catalog Number:17926-1-AP Featured Product 7 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
17926-1-AP

Size:
150ul , Concentration: 450 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG12347

GenBank Accession Number:
BC093973

GeneID (NCBI):
8683

UNIPROT ID:
Q13242

Full Name:
splicing factor, arginine/serine-rich 9

Calculated MW:
221 aa, 26 kDa

Observed MW:
26 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:2000
IHC 1:500-1:2000

Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB

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 : HEK-293 cells, HeLa cells, HepG2 cells

IHC : mouse kidney tissue, human cervical cancer tissue, human urothelial carcinoma tissue

Background Information

SFRS9 is a member of the serine/arginine (SR) splicing factor family, which contains an N-terminal RNA recognition motif (RRM), a glycine-rich region, an internal region homologous to the RRM, and a long (315-amino-acid) C-terminal domain composed predominantly of alternating serine and arginine residues. SRSF9 has been linked to the occurrence and progression of hepatocellular carcinoma (HCC), colorectal cancer (CRC) and oral squamous cell carcinoma (OSCC). In HCC and CRC, the knockdown of SRSF9 inhibited the proliferation and migration of cancer cells, cell cycle progression and colony formation of cancer cells (PMID: 34336668,35971121).

Notable Publications

Author	Pubmed ID	Journal	Application
Chi-Ren Tsai	30260058	Hum Mutat	WB
Haiyan An	31636118	J Cell Biol	WB
Haiyang Zhang	34845198	Cell Death Dis	WB

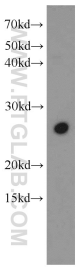
Storage

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

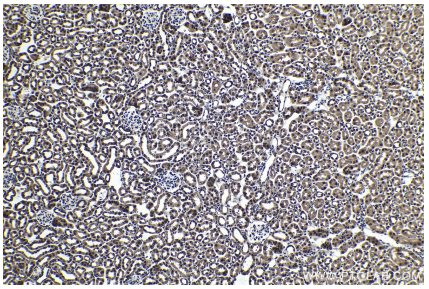
*** 20ul sizes contain 0.1% BSA

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

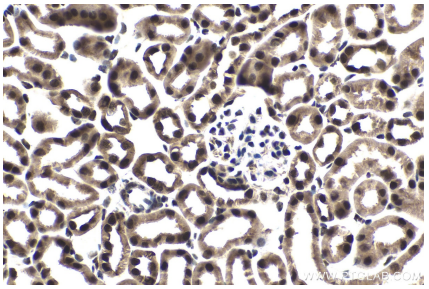
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 17926-1-AP (SFRS9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17926-1-AP (SFRS9 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 17926-1-AP (SFRS9 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).