

For Research Use Only

SFRS5 Polyclonal antibody

Catalog Number: 16237-1-AP

5 Publications



Basic Information

Catalog Number:

16237-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8988

GenBank Accession Number:

BC018823

GeneID (NCBI):

6430

UNIPROT ID:

Q13243

Full Name:

splicing factor, arginine/serine-rich 5

Calculated MW:

272 aa, 31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: mouse testis tissue, A549 cells

Background Information

SR proteins own a characteristic C-terminal Ser/Arg-rich repeat (RS domain) of variable length and constitute a family of highly conserved nuclear phosphoproteins that can function as both essential and alternative pre-mRNA splicing factors [PMID:7556075]. The binding of SR proteins to pre-mRNA appears to be one of the earliest steps in spliceosome assembly, enhancing the binding of U1 snRNP to the 5' splice site to form a commitment complex [PMID:1577277]. Alternative splicing has a major role in the regulation of gene expression. SFRS5 belongs to the serine/arginine (SR) protein family of regulators of alternative pre-mRNA splicing [PMID:9244433].

Notable Publications

Author	Pubmed ID	Journal	Application
Mi Kyung Park	34879239	Cell Metab	WB
Li-Mei Liang	33905374	JCI Insight	WB
Xuan Gu	37838946	Cell Rep	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

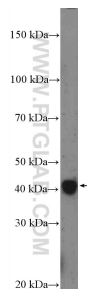
For technical support and original validation data for this product please contact:

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Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 16237-1-AP (SFRS5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.