

For Research Use Only

SFRS5 Polyclonal antibody

Catalog Number: 16237-1-AP **5 Publications**



Basic Information

Catalog Number: 16237-1-AP	GenBank Accession Number: BC018823	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 6430	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: splicing factor, arginine/serine-rich 5	
Isotype: IgG	Calculated MW: 272 aa, 31 kDa	
Immunogen Catalog Number: AG8988		

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: mouse testis tissue, A549 cells
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

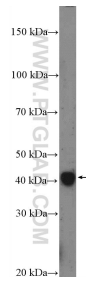
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.