

For Research Use Only

SFRS2 Polyclonal antibody

Catalog Number: 21212-1-AP



Basic Information

Catalog Number: 21212-1-AP	GenBank Accession Number: BC070086	Purification Method: Antigen affinity purification
Size: 200 ug/ml	GeneID (NCBI): 6427	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q01130	
Isotype: IgG	Full Name: splicing factor, arginine/serine-rich 2	
Immunogen Catalog Number: AG15612	Calculated MW: 221 aa, 25 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HEK-293 cells, HeLa cells, K-562 cells
Species Specificity: human	

Background Information

SFRS2, also named as PR264 and SC-35, belongs to the splicing factor SR family. SFRS2 is necessary for the splicing of pre-mRNA. It is required for formation of the earliest ATP-dependent splicing complex and interacts with spliceosomal components bound to both the 5'- and 3'-splice sites during spliceosome assembly. It also is required for ATP-dependent interactions of both U1 and U2 snRNPs with pre-mRNA. It binds to purine-rich RNA sequences, either 5'-AGSAGAGTA-3' (S=C or G) or 5'-GTTTCGAGTA-3'. SFRS2 can bind to beta-globin mRNA and commit it to the splicing pathway. The antibody has no cross reaction to SFRS2B.

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:

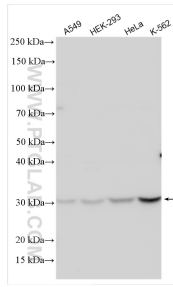
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21212-1-AP (SFRS2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.