

For Research Use Only

SFRS2 Polyclonal antibody

Catalog Number: 21212-1-AP



Basic Information

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| Catalog Number: 21212-1-AP | GenBank Accession Number: BC070086 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 200 µg/ml by Nanodrop; | GeneID (NCBI): 6427 | Recommended Dilutions: WB 1:500-1:2000 |
| Source: Rabbit | Full Name: splicing factor, arginine/serine-rich 2 | |
| Isotype: IgG | Calculated MW: 221 aa, 25 kDa | |
| Immunogen Catalog Number: AG15612 | Observed MW: 30 kDa | |

Applications

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| 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'-GTTCCAGTA-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

*** 20ul sizes contain 0.1% BSA

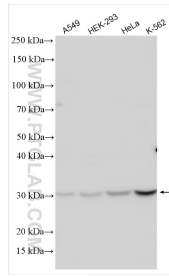
For technical support and original validation data for this product please contact:

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Selected Validation Data



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.