

For Research Use Only

SFRS2 Polyclonal antibody, PBS Only

Catalog Number: 21212-1-PBS



Basic Information

Catalog Number:

21212-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15612

GenBank Accession Number:

BC070086

GeneID (NCBI):

6427

UNIPROT ID:

Q01130

Full Name:

splicing factor, arginine/serine-rich 2

Calculated MW:

221 aa, 25 kDa

Observed MW:

30-35 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

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'-GTTCGAGTA-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 -80°C.

Storage Buffer:

PBS Only

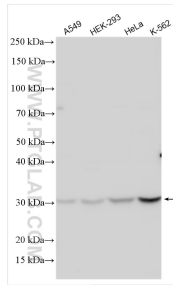
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 21212-1-PBS in a different storage buffer formulation.