

For Research Use Only

# SFRS2 Polyclonal antibody, PBS Only

Catalog Number: 21212-1-PBS



## Basic Information

<b>Catalog Number:</b> 21212-1-PBS	<b>GenBank Accession Number:</b> BC070086	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 6427	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q01130	
<b>Isotype:</b> IgG	<b>Full Name:</b> splicing factor, arginine/serine-rich 2	
<b>Immunogen Catalog Number:</b> AG15612	<b>Calculated MW:</b> 221 aa, 25 kDa	
	<b>Observed MW:</b> 30-35 kDa	

## 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

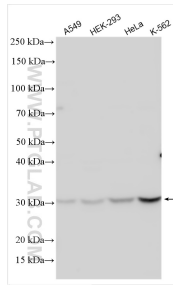
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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.