

For Research Use Only

SFRS15 Polyclonal antibody, PBS Only

Catalog Number: 33589-1-PBS



Basic Information

Catalog Number:

33589-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37951

GenBank Accession Number:

BC064990

GeneID (NCBI):

57466

UNIPROT ID:

O95104

Full Name:

splicing factor, arginine/serine-rich
15

Observed MW:

150 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

SCAF4 is an mRNA anti-terminator protein that plays a crucial role in regulating transcription by RNA Polymerase II. It functions by binding to the phosphorylated CTD of Pol II and interacting with splicing factors to suppress premature transcription termination, particularly at genes with complex structures. This activity ensures proper transcriptional readthrough and full-length mRNA production, thereby influencing gene expression critical for cellular homeostasis. Dysregulation of SCAF4-mediated anti-termination is implicated in disrupted mRNA processing and potential disease states.

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, pH7.3

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

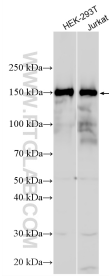
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33589-1-AP (SFRS15 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 33589-1-PBS in a different storage buffer formulation.