

For Research Use Only

KHSRP Recombinant monoclonal antibody, PBS Only

Catalog Number: 82931-1-PBS

Featured Product



Basic Information

Catalog Number:

82931-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33890

GenBank Accession Number:

NM_003685

GeneID (NCBI):

8570

UNIPROT ID:

Q92945

Full Name:

KH-type splicing regulatory protein

Calculated MW:

73 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

230189G1

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

KHSRP, also named as FUBP2, KSRP, and p75, belongs to the KHSRP family. It binds to the dendritic targeting element and may play a role in mRNA trafficking. KHSRP is a part of a ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. It mediates exon inclusion in transcripts that are subject to tissue-specific alternative splicing. KHSRP may interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. It is involved in the degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly by recruiting degradation machinery to ARE-containing mRNAs.

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:

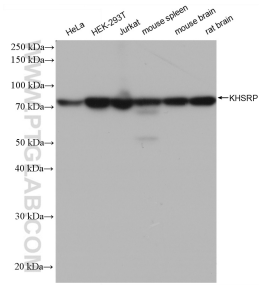
T: 4006900926

E: Proteintech-CN@ptglab.com

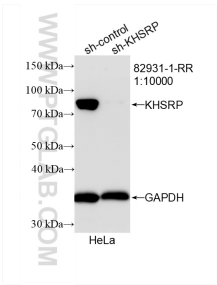
W: ptgcn.com

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

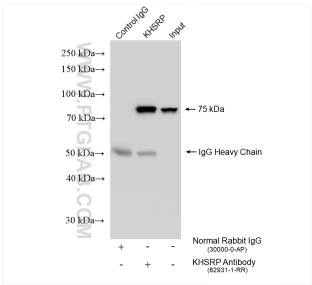
Selected Validation Data



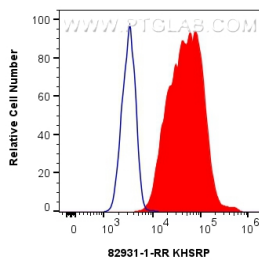
Various lysates were subjected to SDS PAGE followed by western blot with 82931-1-RR (KHSRP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82931-1-PBS in a different storage buffer formulation.



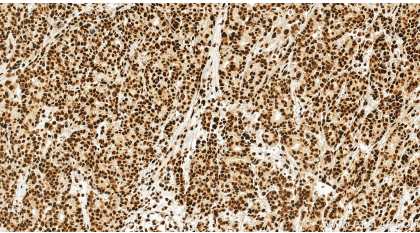
WB result of KHSRP antibody (82931-1-RR; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KHSRP transfected HeLa cells. This data was developed using the same antibody clone with 82931-1-PBS in a different storage buffer formulation.



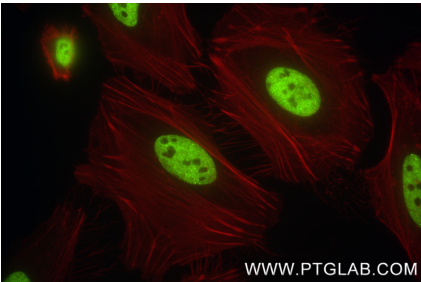
IP result of anti-KHSRP (IP:82931-1-RR, 4ug; Detection:82931-1-RR 1:2500) with HeLa cells lysate 1050 ug. This data was developed using the same antibody clone with 82931-1-PBS in a different storage buffer formulation.



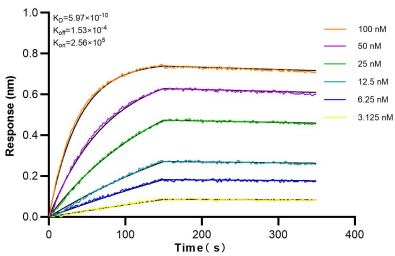
1x10⁶ HeLa cells were intracellularly stained with 0.4 ug KHSRP Recombinant antibody (82931-1-RR, Clone:230189G1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.4 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 82931-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 82931-1-RR (KHSRP antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82931-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using KHSRP antibody (82931-1-RR, Clone: 230189G1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82931-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82931-1-RR against Human KHSRP were performed. The affinity constant is 0.597 nM.