

For Research Use Only

# KHSRP Recombinant antibody

Catalog Number: 82931-3-RR



## Basic Information

<b>Catalog Number:</b> 82931-3-RR	<b>GenBank Accession Number:</b> NM_003685	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 8570	<b>CloneNo.:</b> 230189B2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q92945	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:400-1:1600 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> KH-type splicing regulatory protein	
<b>Immunogen Catalog Number:</b> AG33890	<b>Calculated MW:</b> 73 kDa <b>Observed MW:</b> 75 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, IP, ELISA

**Species Specificity:**  
human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** HeLa cells, HEK-293T cells, Jurkat cells, mouse spleen tissue, mouse brain tissue, rat brain tissue

**IP :** HeLa cells,

**IHC :** human colon tissue,

**IF/ICC :** HeLa cells,

## 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 -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

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

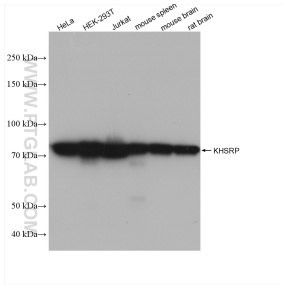
T: 4006900926

E: Proteintech-CN@ptglab.com

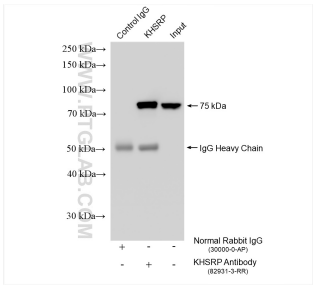
W: ptgcn.com

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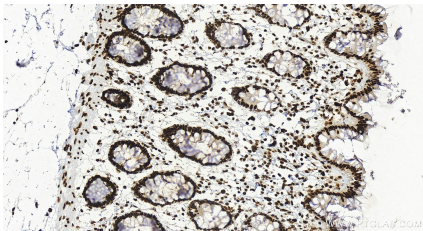
Selected Validation Data



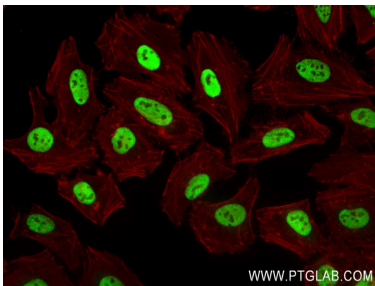
Various lysates were subjected to SDS PAGE followed by western blot with 82931-3-RR (KHSRP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



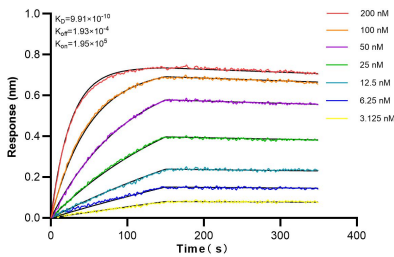
IP result of anti-KHSRP (IP:82931-3-RR, 4ug; Detection:82931-3-RR 1:2500) with HeLa cells lysate 1050 ug.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 82931-3-RR (KHSRP antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using KHSRP antibody (82931-3-RR, Clone: 230189B2 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 82931-3-RR against Human KHSRP were performed. The affinity constant is 0.991 nM.