

KHSRP Recombinant antibody

Catalog Number: 82931-1-RR

Basic Information

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|---|--|--|
| Catalog Number: 82931-1-RR | GenBank Accession Number: NM_003685 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 8570 | CloneNo.: 230189G1 |
| Source: Rabbit | UNIPROT ID: Q92945 | Recommended Dilutions: WB 1:2000-1:10000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500 IF/ICC 1:200-1:800 |
| Isotype: IgG | Full Name: KH-type splicing regulatory protein | |
| Immunogen Catalog Number: AG33890 | Calculated MW: 73 kDa Observed MW: 75 kDa | |

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), 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: mouse brain tissue,

IF/ICC: A549 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:

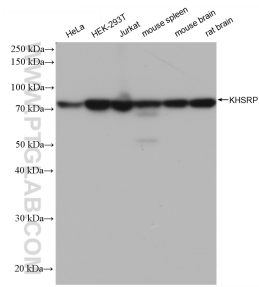
T: 4006900926

E: Proteintech-CN@ptglab.com

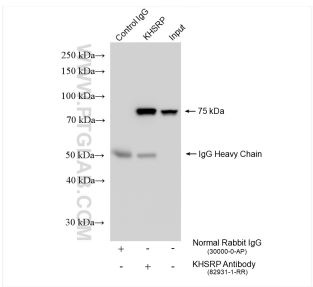
W: ptgcn.com

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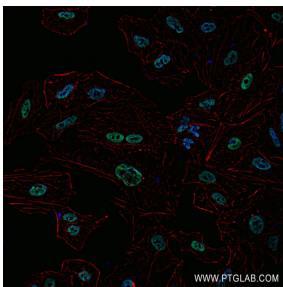
Selected Validation Data



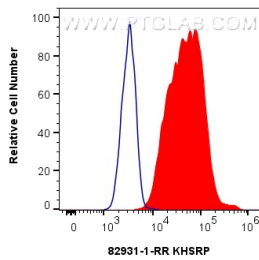
Various lysates were subjected to SDS PAGE followed by western blot with 82931-1-RR (KHSRP antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



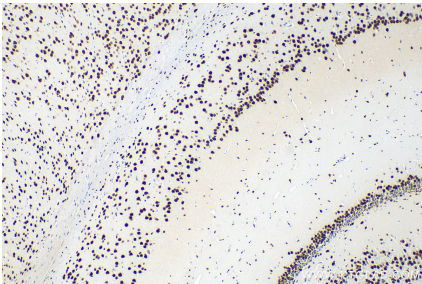
IP result of anti-KHSRP (IP:82931-1-RR, 4ug; Detection:82931-1-RR 1:2500) with HeLa cells lysate 1050 ug.



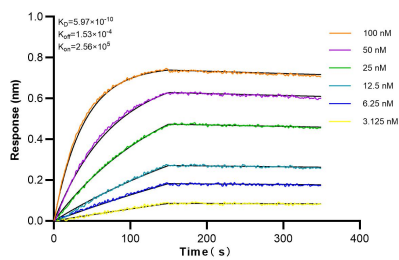
Immunofluorescent analysis of (4% PFA) fixed A549 cells using KHSRP antibody (82931-1-RR, Clone: 230189G1) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



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).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 82931-1-RR (KHSRP antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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