

For Research Use Only

KHSRP Recombinant antibody, PBS Only

Catalog Number:82931-3-PBS



Basic Information

Catalog Number: 82931-3-PBS	GenBank Accession Number: NM_003685	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 8570	CloneNo.: 230189B2
Source: Rabbit	UNIPROT ID: Q92945	
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, 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

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

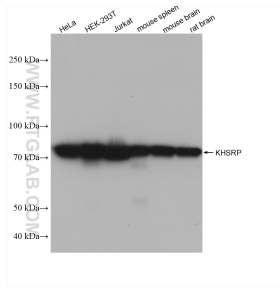
T: 4006900926

E: Proteintech-CN@ptglab.com

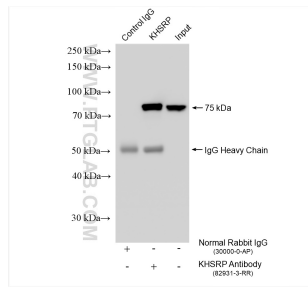
W: ptgcn.com

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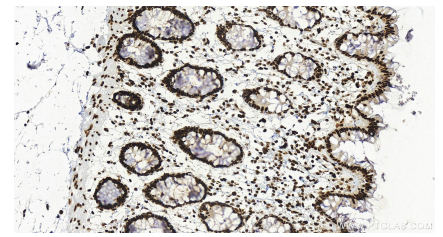
Selected Validation Data



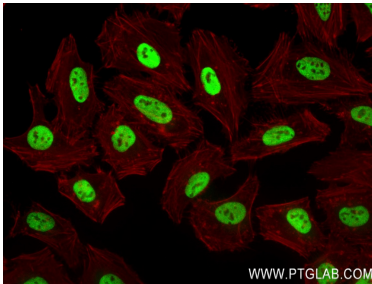
Various lysates were subjected to SDS PAGE followed by western blot with 82931-3-RR (KHSRP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82931-3-PBS in a different storage buffer formulation.



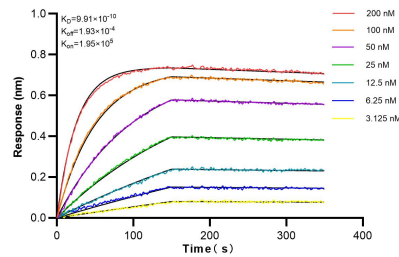
IP result of anti-KHSRP (IP:82931-3-RR, 4ug; Detection:82931-3-RR 1:2500) with HeLa cells lysate 1050 ug. This data was developed using the same antibody clone with 82931-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82931-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82931-3-PBS in a different storage buffer formulation.



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