

For Research Use Only

KHSRP Polyclonal antibody

Catalog Number: 55409-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number:

55409-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

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:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, RIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: HEK-293T cells, HeLa cells, HepG2 cells, Jurkat cells, MCF-7 cells, mouse brain tissue, rat brain tissue

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Huajun Jiang	26523989	Atherosclerosis	WB
Xiaomei He	34614161	Nucleic Acids Res	WB
Zhenzhen Chen	34320348	Cell Rep	WB, RIP

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

*** 20ul sizes contain 0.1% BSA

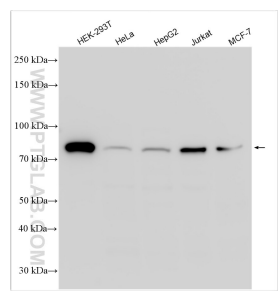
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

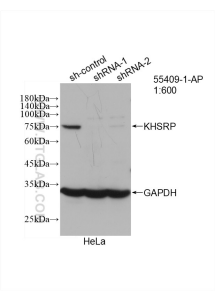
E: proteintech@ptglab.com
W: ptglab.com

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 55409-1-AP (KHSRP antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of KHSRP antibody (55409-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-KHSRP transfected HeLa cells.