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KHSRP Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11709c

Specification

KHSRP Antibody (Center) - Product Information

Application	**IF, IHC-P, WB,E**
Primary Accession	Q92945
Other Accession	Q99PF5, Q3U0V1, NP_003676.2
Reactivity	**Human**
Predicted	**Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**73115**
Antigen Region	**470-498**

KHSRP Antibody (Center) - Additional Information

Gene ID 8570

Other Names
Far upstream element-binding protein 2, FUSE-binding protein 2, KH type-splicing regulatory protein, KSRP, p75, KHSRP, FUBP2

Target/Specificity
This KHSRP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 470-498 amino acids from the Central region of human KHSRP.

Dilution
IF~~1:10~50
IHC-P~~1:50~100
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KHSRP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

KHSRP Antibody (Center) - Protein Information

Name KHSRP

Synonyms FUBP2

Function Binds to the dendritic targeting element and may play a role in mRNA trafficking (By similarity). Part of a ternary complex that binds to the downstream control sequence (DCS) of the pre-mRNA. Mediates exon inclusion in transcripts that are subject to tissue- specific alternative splicing. May interact with single-stranded DNA from the far-upstream element (FUSE). May activate gene expression. Also involved in degradation of inherently unstable mRNAs that contain AU-rich elements (AREs) in their 3'-UTR, possibly by recruiting degradation machinery to ARE-containing mRNAs.

Cellular Location
Nucleus. Cytoplasm. Note=A small proportion is also found in the cytoplasm of neuronal cell bodies and dendrites.

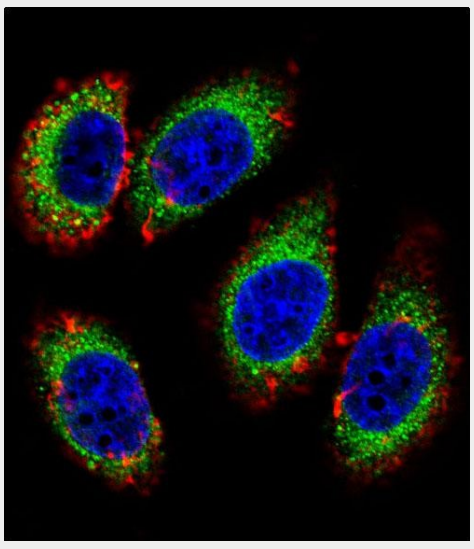
Tissue Location
Detected in neural and non-neural cell lines.

KHSRP Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KHSRP Antibody (Center) - Images



Confocal immunofluorescent analysis of KHSRP Antibody (Center)(Cat#AP11709c) with U-251MG cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).

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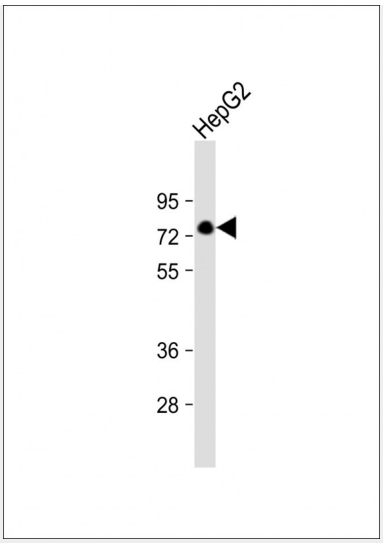
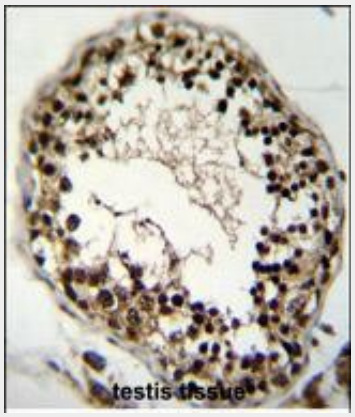


Anti-KHSRP Antibody (Center) at 1:1000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 73 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



KHSRP Antibody (Center) (Cat. #AP11709c)immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of KHSRP Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

KHSRP Antibody (Center) - Background

The KHSRP gene encodes a multifunctional RNA-binding protein implicated in a variety of cellular processes, including transcription, alternative pre-mRNA splicing, and mRNA localization (Min et al., 1997 [PubMed 9136930]; Gherzi et al., 2004 [PubMed 15175153]).

KHSRP Antibody (Center) - References

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