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KHSRP Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6866a

Specification

KHSRP Antibody (N-term) - Product Information

Application	**IF, WB, IHC-P,E**
Primary Accession	Q92945
Other Accession	Q8UVD9
Reactivity	**Human**
Predicted	**Chicken**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**73115**
Antigen Region	**94-122**

KHSRP Antibody (N-term) - 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 94-122 amino acids from the N-terminal region of human KHSRP.

Dilution
IF~~1:10~50
WB~~1:1000
IHC-P~~1:50~100

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 (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KHSRP Antibody (N-term) - Protein Information

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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.

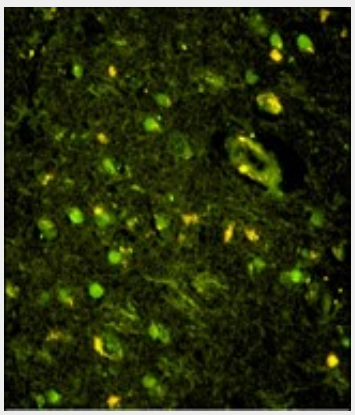
Tissue Location
Detected in neural and non-neural cell lines.

KHSRP Antibody (N-term) - Protocols

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

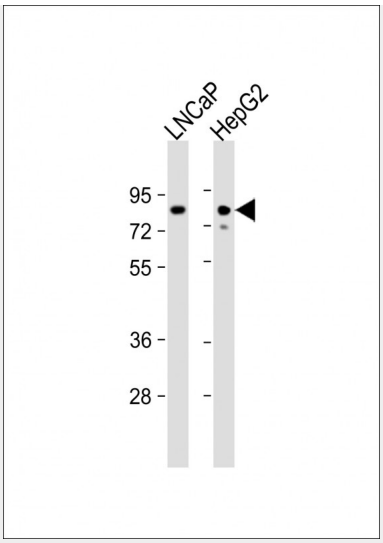
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KHSRP Antibody (N-term) - Images

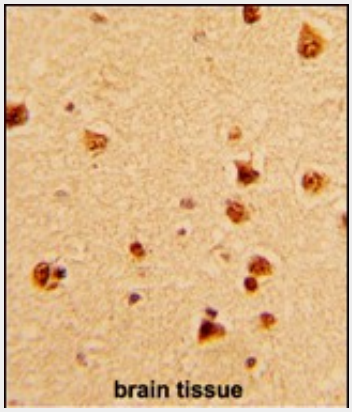


Immunofluorescence analysis of KHSRP Antibody (N-term) with paraffin-embedded human brain tissue . 0.05 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.

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All lanes : Anti-KHSRP Antibody (N-term) at 1:1000 dilution Lane 1: LNCaP whole cell lysate Lane 2: 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.



Formalin-fixed and paraffin-embedded human brain with KHSRP Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

KHSRP Antibody (N-term) - Background

KHSRP binds to the dendritic targeting element and may play a role in mRNA trafficking (By similarity). It is a 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. It may interact with single-stranded DNA from the far-upstream element (FUSE) and 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.

KHSRP Antibody (N-term) - References

Nechama,M., et.al., FASEB J. 22 (10), 3458-3468 (2008)