

**KHSRP Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP6866a****Specification**

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**KHSRP Antibody (N-term) - Product Information**

Application	IF, IHC-P, WB,E
Primary Accession	<a href="#">Q92945</a>
Other Accession	<a href="#">Q8UVD9</a>
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

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

**KHSRP Antibody (N-term) - 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**

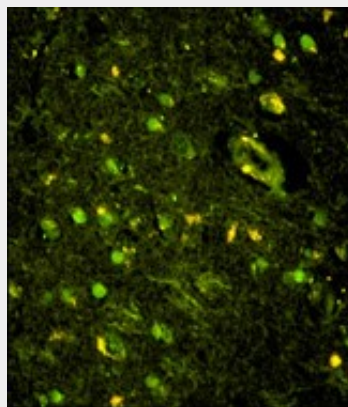
Detected in neural and non-neural cell lines.

**KHSRP Antibody (N-term) - Protocols**

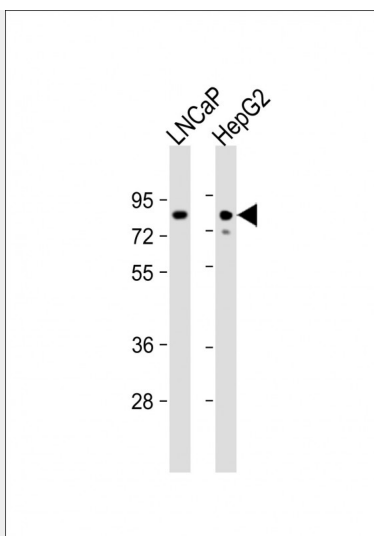
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

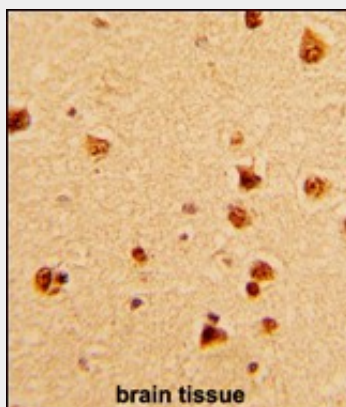
**KHSRP Antibody (N-term) - Images**



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.



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)