

KHSRP Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP6866a**Specification**

KHSRP Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q92945](#)**KHSRP Antibody (N-term) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP6866a](/products/AP6866a) was selected from the N-term region of human KHSRP. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KHSRP Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

KHSRP Antibody (N-term) Blocking Peptide - Images**KHSRP Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - References

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