

KHSRP Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11709c**Specification**

KHSRP Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q92945](#)**KHSRP Antibody (Center) 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

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 (Center) 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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

KHSRP Antibody (Center) Blocking peptide - Images

KHSRP Antibody (Center) Blocking peptide - Background

This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development, including that of lung and skin, and has been localized to both the nucleus and cytoplasm. Altered expression of this gene or a change in the subcellular localization of its protein is associated with some cases of acute myeloid leukemia and colorectal cancer.

KHSRP Antibody (Center) Blocking peptide - References

Ferrai, C., et al. Mol. Biol. Cell 20(15):3543-3551(2009) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Chen, T., et al. Eur. J. Hum. Genet. 15(1):23-28(2007) Shen, W., et al. J. Biol. Chem. 279(38):39895-39904(2004)