

ESRP1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5940a**Specification**

ESRP1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q6NXG1](#)
Other Accession [NP_001116298.1](#), [NP_060167.2](#),
[NP_001030087.2](#), [NP_001116299.1](#),
[NP_001116297.1](#)

ESRP1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 54845

Other Names

Epithelial splicing regulatory protein 1, RNA-binding motif protein 35A, RNA-binding protein 35A, ESRP1, RBM35A

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.

ESRP1 Antibody (N-term) Blocking peptide - Protein Information

Name ESRP1

Synonyms RBM35A

Function

mRNA splicing factor that regulates the formation of epithelial cell-specific isoforms. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2. Also regulates the splicing of CD44, CTNND1, ENAH, 3 transcripts that undergo changes in splicing during the epithelial-to-mesenchymal transition (EMT). Acts by directly binding specific sequences in mRNAs. Binds the GU-rich sequence motifs in the ISE/ISS-3, a cis-element regulatory region present in the mRNA of FGFR2 (PubMed:19285943). Regulates splicing and expression of genes involved in inner ear development, auditory hair cell differentiation, and cell fate specification in the cochlear epithelium (By similarity).

Cellular Location

Nucleus.

Tissue Location

Epithelial cell-specific.

ESRP1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ESRP1 Antibody (N-term) Blocking peptide - Images