



Rabbit Anti-RBM35B/ESRP2 antibody

SL19772R

Product Name:	RBM35B/ESRP2
Chinese Name:	RNABinding protein35B抗体
Alias:	Epithelial splicing regulatory protein 2; ESRP 2; ESRP2; ESRP2_HUMAN; FLJ21918; FLJ22248; RBM35B; RNA binding motif protein 35A; RNA binding motif protein 35B; RNA binding protein 35B; RNA-binding motif protein 35B; RNA-binding protein 35B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	78kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RBM35B/ESRP2:21-120/727
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ESRP2 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009] 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.

Subcellular Location:

Nucleus.

Tissue Specificity:

Epithelial cell-specific.

Similarity:

Belongs to the ESRP family.

Contains 3 RRM (RNA recognition motif) domains.

SWISS:

Q9H6T0

Gene ID:

80004

Database links:

[Entrez Gene: 510878](#) Cow

[Entrez Gene: 80004](#) Human

[Entrez Gene: 77411](#) Mouse

[Entrez Gene: 307810](#) Rat

[Omim: 612960](#) Human

[SwissProt: Q9H6T0](#) Human

[SwissProt: Q8K0G8](#) Mouse

[SwissProt: B2RYJ8](#) Rat

[Unigene: 436585](#) Human

[Unigene: 592053](#) Human

[Unigene: 183003](#) Mouse

[Unigene: 137974](#) Rat

[Unigene: 231924](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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