

ESRP2 Rabbit pAb

Catalog # AP97358

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H6T0
Other Accession	Q9H6T0
Reactivity	Human, Mouse
Predicted	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78401
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ESRP2
Epitope Specificity	21-120/727
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the ESRP family. Contains 3 RRM (RNA recognition motif) domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	ESRP2 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009]

Additional Information

Gene ID	80004
Other Names	RBM35B; 9530027K23Rik; RGD1310855; ESRP2_HUMAN; ESRP2; RNA-binding motif protein 35B; RNA-binding protein 35B; ESRP2_MOUSE; ESRP2_RAT; epithelial splicing regulatory protein 2; RNA binding motif protein 35B
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	ESRP2
Synonyms	RBM35B
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.

Cellular Location

Nucleus.

Tissue Location

Epithelial cell-specific.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.