

## ESRP2 Polyclonal Antibody

<b>Catalog No :</b>	YN1706
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ESRP2
<b>Gene Name :</b>	ESRP2 RBM35B PP7059
<b>Protein Name :</b>	Epithelial splicing regulatory protein 2 (RNA-binding motif protein 35B) (RNA-binding protein 35B)
<b>Human Gene Id :</b>	80004
<b>Human Swiss Prot No :</b>	Q9H6T0
<b>Mouse Swiss Prot No :</b>	Q8K0G8
<b>Rat Swiss Prot No :</b>	B2RYJ8
<b>Immunogen :</b>	Synthesized peptide derived from part region of human protein
<b>Specificity :</b>	ESRP2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

<b>Observed Band :</b>	79kD
<b>Background :</b>	epithelial splicing regulatory protein 2(ESRP2) Homo sapiens ESRP2 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009],
<b>Function :</b>	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.,induction:Down-regulated during the epithelial-to-mesenchymal transition (EMT).,similarity:Belongs to the ESRP family.,similarity:Contains 3 RRM (RNA recognition motif) domains.,tissue specificity:Epithelial cell-specific.,
<b>Subcellular Location :</b>	Nucleus .
<b>Expression :</b>	Epithelial cell-specific.
<b>Sort :</b>	19004
<b>No4 :</b>	1

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