G-Biosciences Image not found or type unknown

Immunotag™ ESRP2 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN1706
Product Description	Immunotag™ ESRP2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	ESRP2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ESRP2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	ESRP2 RBM35B PP7059
Accession No.	Q9H6T0 Q8K0G8 B2RYJ8
Description	epithelial splicing regulatory protein 2(ESRP2) Homo sapiens ESPR2 is an epithelial cell-type-specific splicing regulator (Warzecha et al., 2009 [PubMed 19285943]).[supplied by OMIM, Aug 2009],
Protein Expression	Hepatoma,Placenta,

Antibody Specification

Subcellular Localization	nucleus,nucleoplasm,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.