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[Marker Primary Antibody]

Rabbit Anti-RSF1/FITC Conjugated antibody

Catalog Number: SL18867R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-RSF1/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human RSF1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	ICC/IF=1:50-200 IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit)
Background:	background: This gene encodes a nuclear protein that interacts with hepatitis B virus X protein (HBX) and facilitates transcription of hepatitis B virus genes by the HBX transcription activator, suggesting a role for this interaction in the virus life cycle. This protein also interacts with SNF2H protein to form the RSF chromatin-remodeling complex, where the SNF2H subunit functions as the nucleosome-dependent ATPase, and this protein as the histone chaperone. [provided by RefSeq, Sep 2011] **Function:** Required for assembly of regular nucleosome arrays by the RSF chromatin-remodeling complex. Facilitates transcription of hepatitis B virus (HBV) genes by the pX transcription activator. In case of infection by HBV, together with pX, it represses TNF-alpha induced NF-kappa-B transcription activation. Represses transcription when artificially recruited to chromatin by fusion to a heterogeneous DNA binding domain. **Subunit:** Interacts with SMARCA5/SNF2H to form the RSF complex. Also

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	binds the HBV pX/HBx protein, which is required to activate transcription of the viral genome. **Subcellular Location:** Nucleus **Tissue Specificity:** Ubiquitously expressed. **Similarity:** Contains 1 DDT domain. Contains 1 PHD-type zinc finger. **Database links:** **Entrez Gene:** 51773 Human **Entrez Gene:** 476797 Dog **Entrez Gene:** 233532 Mouse Omim: 608522 Human **SwissProt:** Q96T23 Human **Unigene:** 420229 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.