



RSF1 Polyclonal Antibody

Catalog No	YP-Ab-06077
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RSF1 HBXAP XAP8
Immunogen	Synthesized peptide derived from human protein . at AA range: 350-430
Specificity	RSF1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HBV pX associated protein 8;HBXAP;p325;RSF 1;RSF1;XAP8;RSF1 HBXAP XAP8;Remodeling and spacing factor 1 (Rsf-1) (HBV pX-associated protein 8) (Hepatitis B virus X-associated protein) (p325 subunit of RSF chromatin-remodeling complex)
Observed Band	250 kDa
Calculated Molecular Weight	1441 aa, 164 kDa
Cell Pathway	Nucleus . Localization is diffuse during mitosis (PubMed:12972596). Co-localizes with SMARCA5 in the nucleus (PubMed:12972596). .
Tissue Specificity	Ubiquitously expressed. Highly expressed in the heart, skeletal muscle, kidney and placenta (PubMed:12972596). Expressed at low levels in the brain and colon (PubMed:12972596).
Function	alternative products:Experimental confirmation may be lacking for some isoforms,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.,PTM:Phosphorylated upon



DNA damage, probably by ATM or ATR.,sequence caution:Contaminating sequence. Potential poly-A sequence starting in position 476.,similarity:Contains 1 DDT domain.,similarity:Contains 1 PHD-type zinc finger.,subunit:Interacts with SMARCA5/SNF2H to form the RSF complex. Also binds the HBV pX/HBx protein, which is required to activate transcription of the viral genome.,tis

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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images