



SUH Polyclonal Antibody

Catalog No	YP-Ab-07839
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	RBPJ IGKJRB IGKJRB1 RBPJK RBPSUH
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SUH 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	SUH;RBPJ IGKJRB IGKJRB1 RBPJK RBPSUH;Recombining binding protein suppressor of hairless (CBF-1) (J kappa-recombination signal-binding protein) (RBP-J kappa) (RBP-J) (RBP-JK) (Renal carcinoma antigen NY-REN-30)
Observed Band	55kD
Calculated Molecular Weight	55kD
Cell Pathway	Nucleus. Cytoplasm. Mainly nuclear, upon interaction with RITA/C12orf52, translocates to the cytoplasm, down-regulating the Notch signaling pathway.
Tissue Specificity	Eye,Placenta,Renal cell carcinoma,T
Function	caution:Despite some similarity with the "phage" integrase family, it has no recombinase activity.,function:Transcriptional regulator that plays a central role in Notch signaling, a signaling pathway involved in cell-cell communication that regulates a broad spectrum of cell-fate. determinations. Acts as a transcriptional repressor when it is not associated with Notch proteins. When associated with some Notch protein, it acts as a transcriptional activator that activates transcription of Notch target genes. Probably represses or activates transcription via the recruitment of chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins, respectively. Specifically binds to the immunoglobulin kappa-type J segment recombination signal sequence.,

similarity:Belongs to the Su(H) family.,similarity:Contains 1 IPT/TIG domain.,
subunit:Interacts with activated NOTCH1,

Background

The protein encoded by this gene is a transcriptional regulator important in the Notch signaling pathway. The encoded protein acts as a repressor when not bound to Notch proteins and an activator when bound to Notch proteins. It is thought to function by recruiting chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins to Notch signaling pathway genes. Several transcript variants encoding different isoforms have been found for this gene, and several pseudogenes of this gene exist on chromosome 9. [provided by RefSeq, Oct 2013],

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