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anti-RBPJ antibody (AA 101-200)

3 Images



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Overview

Quantity:	100 μL
Target:	RBPJ
Binding Specificity:	AA 101-200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBPJ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RBPJK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

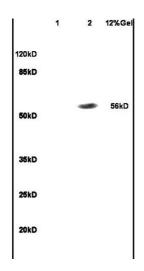
Target Details

Alternative Name:	RBPJK (RBPJ Products)
Background:	Synonyms: SUH, csl, AOS3, CBF1, KBF2, RBP-J, RBPJK, IGKJRB, RBPSUH, IGKJRB1,
	Recombining binding protein suppressor of hairless, CBF-1, J kappa-recombination signal-
	binding protein, RBP-J kappa, RBP-JK, Renal carcinoma antigen NY-REN-30, RBPJ
	Background: 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 NICD product of Notch proteins (Notch intracellular
	domain), 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. Binds specifically to methylated DNA.
Gene ID:	3516
UniProt:	Q06330
Pathways:	Notch Signaling, Stem Cell Maintenance, Smooth Muscle Cell Migration
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

Handling

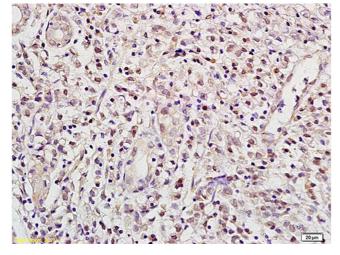
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



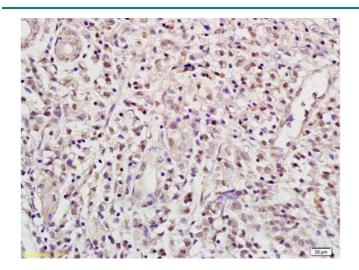
SDS-PAGE

Image 1. Lane 1: mouse embryo lysates Lane 2: human colon carcinoma lysates probed with Anti RBPJK/RBP-J Polyclonal Antibody, Unconjugated (ABIN872972) at 1:200 in 4C. Followed by conjugation to secondary antibody at 1:3000 90min in 37C. Predicted band 55kD. Observed band size: 55kD



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti RBPJK RBP-J Polyclonal Antibody, unconjugated (ABIN872972) at 1:200 followed by incubation with conjugated secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti RBPJK/RBP-J Polyclonal Antibody, Unconjugated (ABIN872972) at 1:200 followed by conjugation to the secondary antibody and DAB staining