

For Research Use Only

RBPJ Recombinant antibody

Catalog Number: 85676-3-RR



Basic Information

Catalog Number: 85676-3-RR	GenBank Accession Number: BC064976	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3516	CloneNo.: 243044G4
Source: Rabbit	UNIPROT ID: Q06330	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: recombination signal binding protein for immunoglobulin kappa J region	
Immunogen Catalog Number: AG32552	Calculated MW: 56 kDa	
	Observed MW: ~60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, rat	WB : HeLa cells, HepG2 cell, HEK-293 cells, Jurkat cells, MCF-7 cells, C6 cells

Background Information

RBPJ, also named as IGKJRB, IGKJRB1, RBPJK, RBPSUH, NY-REN-30, CBF-1 and CSL, belongs to the Su(H) family. It is a 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. RBPJ acts as a transcriptional repressor when it is not associated with Notch proteins. It is specifically binds to the immunoglobulin kappa-type J segment recombination signal sequence. RBPJ binds to the Runx3 promoter in the atrioventricular canal in vivo, and inhibition of Notch reduces RUNX3 expression in the cardiac cushion of embryonic hearts.

Storage

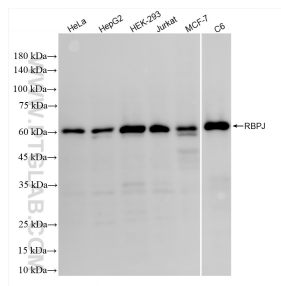
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85676-3-RR (RBPJ antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.