

For Research Use Only

# RBPJ Recombinant antibody

Catalog Number: 85676-3-RR



## Basic Information

Catalog Number:

85676-3-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32552

GenBank Accession Number:

BC064976

GeneID (NCBI):

3516

UNIPROT ID:

Q06330

Full Name:

recombination signal binding protein  
for immunoglobulin kappa J region

Calculated MW:

56 kDa

Observed MW:

~60 kDa

Purification Method:

Protein A purification

CloneNo.:

243044G4

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

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

For technical support and original validation data for this product please contact:

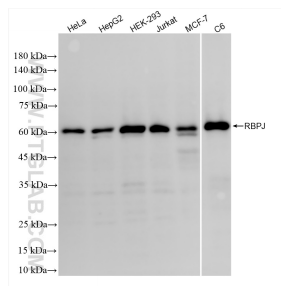
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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.