

For Research Use Only

# RBPJ Recombinant antibody, PBS Only

Catalog Number: 85676-3-PBS



## Basic Information

Catalog Number:

85676-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, rat

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

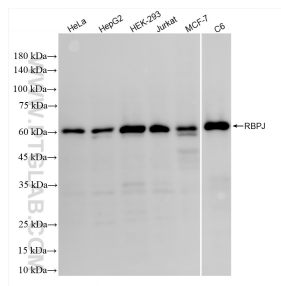
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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. This data was developed using the same antibody clone with 85676-3-PBS in a different storage buffer formulation.