

## Anti- RBPJ Rabbit pAb



WL04414

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti- RBPJ Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	Western blot	1:500-1:1000
	Immunohistochemistry	1:100-1:400
<b>Molecular Wt.</b>	56 kDa	

**Pack size** 50/100/200/500/1000µl

**Storage** Store at -20°C. **Avoid freeze/thaw cycles.**

**Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background** RBPJ is a transcriptional regulator important in the Notch signaling pathway. 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 specifically binds to the immunoglobulin kappa-type J segment recombination signal sequence.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of RBPJ.

**Purification** Polyclonal antibody was purified by immunogen affinity chromatography.

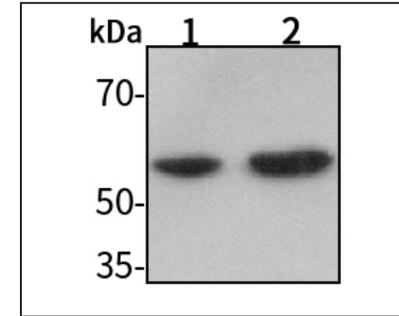
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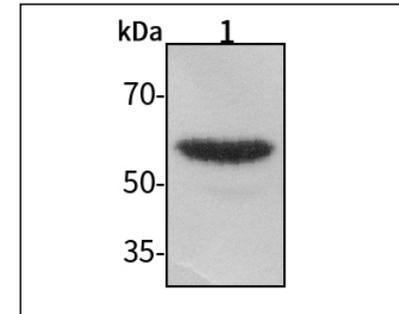
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## Product Images



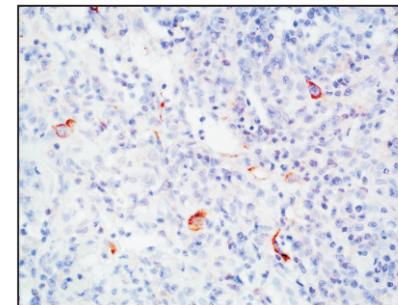
## Western blot-Anti-RBPJ pAb

Lane 1: Human A549 cell lysate 30µg  
 Lane 2: Human HUVEC cell lysate 30µg  
 Separation gel: 8% polyacrylamide  
 Electrophoresis: 100V, 4°C, 3h  
 Transmembrane: 100V, 4°C, 1h  
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight  
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min  
 Detection: ECL, 30s-2min



## Western blot-Anti-RBPJ pAb

Lane 1: Mouse liver tissue lysate 30µg  
 Separation gel: 8% polyacrylamide  
 Electrophoresis: 100V, 4°C, 3h  
 Transmembrane: 100V, 4°C, 1h  
 Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking  
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight  
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min  
 Detection: ECL, 30s-2min



## Immunohistochemistry-Anti-RBPJ pAb

Sample: Human lung cancer tissue  
 Antigen retrieval: pH 9.0 Tris-EDTA buffer  
 Primary antibody: 1:200, 4°C, overnight  
 Secondary antibody-Biotin: 1:150, 37°C, 1h  
 Streptavidin-HRP: 1:200, 37°C, 30min  
 Visualization: DAB

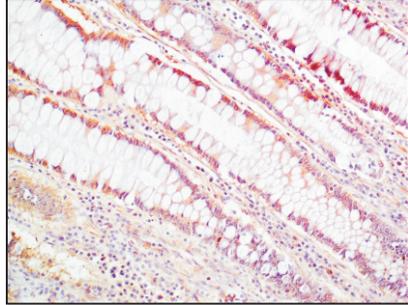
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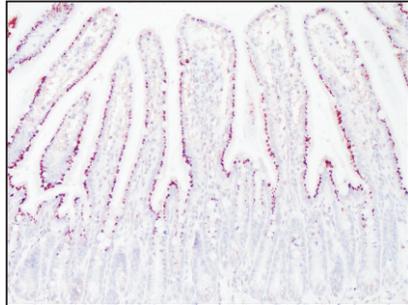
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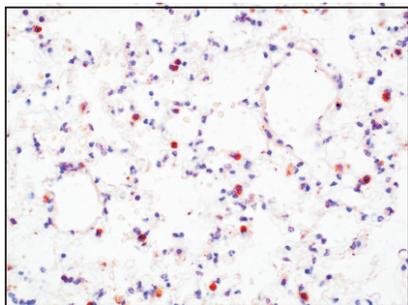
**Immunohistochemistry-Anti-RBPJ pAb**

**Sample:** Human colon cancer tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



**Immunohistochemistry-Anti-RBPJ pAb**

**Sample:** Mouse intestine tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



**Immunohistochemistry-Anti-RBPJ pAb**

**Sample:** Mouse lung tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB

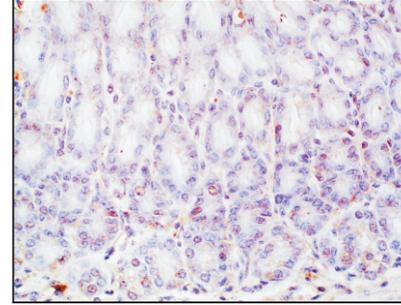
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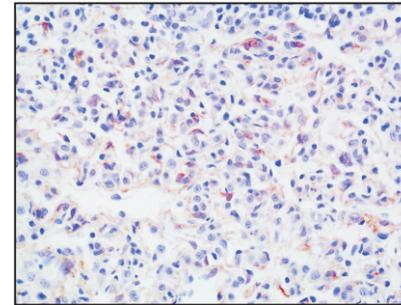
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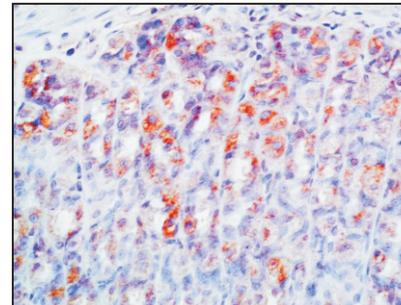
**Immunohistochemistry-Anti-RBPJ pAb**

**Sample:** Mouse stomach tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



**Immunohistochemistry-Anti-RBPJ pAb**

**Sample:** Rat lung tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Visualization:** DAB



**Immunohistochemistry-Anti-RBPJ pAb**

**Sample:** Rat stomach tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:200, 4°C, overnight  
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