

## Notch 1 Polyclonal Antibody

<b>CATALOG NO:</b>	3881-30T	30 µg (Trial size)
	3881-100	100 µg
<b>HOST:</b>	Rabbit	
<b>IMMUNOGEN:</b>	Synthetic peptide corresponding to residues surrounding amino acid 1760 of mouse Notch1 (Internal ID# BV-B37)	
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat	

### FORMULATION:

0.5mg/ml affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA and 0.01% thimerosal.

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### BACKGROUND:

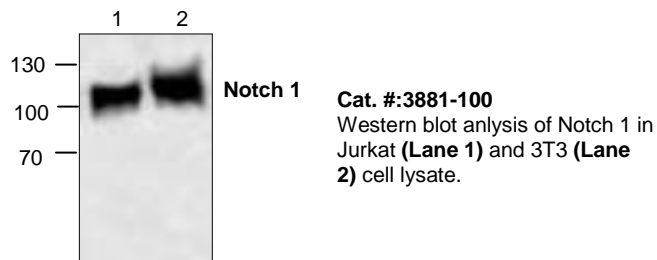
Notch proteins are transmembrane receptor that regulate cell fate decisions. Four Notch homologs have been identified in mammals namely Notch 1, Notch 2, Notch 3 and Notch 4. The membrane ligand for Notch includes Jagged 1, Jagged 2 and Delta. Notch 1 is a 270 kDa transmembrane receptor that can be activated by Delta (Dl) ligand. Activation of Notch 1 will result in the proteolytic cleavage of Notch 1 into a 120 kDa length protein.

### SPECIFICITY:

The antibody recognizes a 120 kDa band from samples of human and mouse origins. Reactivity to other species has not been tested.

### APPLICATION:

The antibody can be used in Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (3881BP-50) is available separately



**FOR RESEARCH USE ONLY! Not to be used on humans.**

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