

# NOTCH4 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP21426b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q99466</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB52895

## Additional Information

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<b>Other Names</b>	Neurogenic locus notch homolog protein 4, Notch 4, hNotch4, Notch 4 extracellular truncation, Notch 4 intracellular domain, NOTCH4, INT3
<b>Target/Specificity</b>	This NOTCH4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1819-1851 amino acids from the C-terminal region of human NOTCH4.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	NOTCH4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs. May regulate branching morphogenesis in the developing vascular system (By similarity).

## References

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Sugaya K., et al. *Gene* 189:235-244(1997).

Li L., et al. *Genomics* 51:45-58(1998).

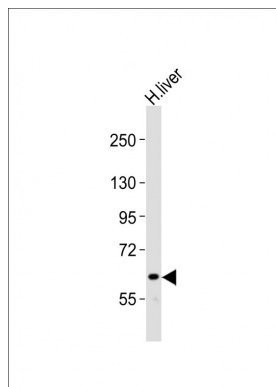
Mungall A.J., et al. *Nature* 425:805-811(2003).

Miyagawa T., et al. Submitted (FEB-1999) to the EMBL/GenBank/DDBJ databases.

Gray G.E., et al. *Am. J. Pathol.* 154:785-794(1999).

## Images

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Anti-NOTCH4 Antibody (C-term) at 1:2000 dilution + human liver lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 210 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.