

**NOTCH2NL antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI13885****Specification**

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**NOTCH2NL antibody - C-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q7Z3S9</a>
Other Accession	<a href="#">NM_203458</a> , <a href="#">NP_982283</a>
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26kDa KDa

**NOTCH2NL antibody - C-terminal region - Additional Information****Gene ID** 388677

Alias Symbol	N2N
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**Other Names**  
Notch homolog 2 N-terminal-like protein, NOTCH2NL, N2N**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-NOTCH2NL antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

NOTCH2NL antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**NOTCH2NL antibody - C-terminal region - Protein Information****Name** NT2NA**Function**

Human-specific protein that promotes neural progenitor proliferation and evolutionary expansion of the brain neocortex by regulating the Notch signaling pathway (PubMed:<a href="http://www.uniprot.org/citations/29561261" target="\_blank">29561261</a>, PubMed:<a href="http://www.uniprot.org/citations/29856954" target="\_blank">29856954</a>, PubMed:<a href="http://www.uniprot.org/citations/29856955" target="\_blank">29856955</a>). Able to promote neural progenitor self-renewal, possibly by down-regulating neuronal differentiation genes, thereby delaying the differentiation of neuronal progenitors and leading to an overall final increase in neuronal production (PubMed:<a href="http://www.uniprot.org/citations/29856954" target="\_blank">29856954</a>). Acts by enhancing the Notch signaling pathway via two

different mechanisms that probably work in parallel to reach the same effect (PubMed:<a href="http://www.uniprot.org/citations/29856954" target="\_blank">29856954</a>). Enhances Notch signaling pathway in a non-cell-autonomous manner via direct interaction with NOTCH2 (PubMed:<a href="http://www.uniprot.org/citations/29856954" target="\_blank">29856954</a>). Also promotes Notch signaling pathway in a cell- autonomous manner through inhibition of cis DLL1-NOTCH2 interactions, which promotes neuronal differentiation (By similarity).

**Cellular Location**

Secreted. Cytoplasm

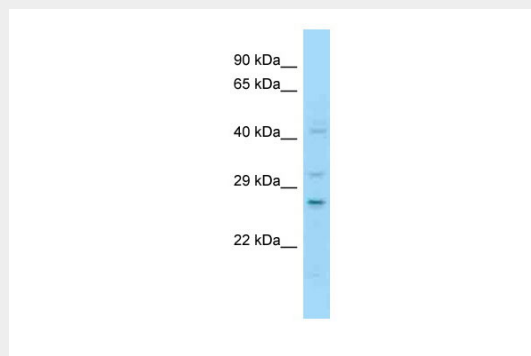
**Tissue Location**

Widely expressed with higher levels in leukocytes and lymph nodes (PubMed:14673143). Expressed in radial glia neural stem cells during cortical development (PubMed:29856954)

**NOTCH2NL antibody - C-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NOTCH2NL antibody - C-terminal region - Images**

WB Suggested Anti-NOTCH2NL Antibody Titration: 1.0 µg/ml

Positive Control: Jurkat Whole Cell  
NOTCH2NL is supported by BioGPS gene expression data to be expressed in Jurkat

**NOTCH2NL antibody - C-terminal region - References**

Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Gregory S.G.,et al.Nature 441:315-321(2006).  
Duan Z.,et al.Mol. Cell. Biol. 24:58-70(2004).