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NOTCH2NL antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13885

Product Information

Application	WB
Primary Accession	Q7Z3S9
Other Accession	NM_203458, NP_982283
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25835

Additional Information

Gene ID	388677
Alias Symbol	N2N
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.

Protein Information

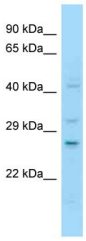
Name	NT2NA
Function	Human-specific protein that promotes neural progenitor proliferation and evolutionary expansion of the brain neocortex by regulating the Notch signaling pathway (PubMed:29561261, PubMed:29856954, PubMed:29856955). Able to promote neural progenitor self-renewal, possibly by down-regulating neuronal differentiation genes, thereby delaying the differentiation of neuronal progenitors and leading to an overall final increase in neuronal production (PubMed:29856954). Acts by enhancing the Notch signaling pathway via two different mechanisms that probably work in parallel to reach the same effect (PubMed:29856954). Enhances Notch signaling pathway in a non-cell-autonomous manner via direct interaction with NOTCH2 (PubMed:29856954). 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)

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).

Images



WB Suggested Anti-NOTCH2NL Antibody Titration: 1.0 µg/ml
Positive Control: Jurkat Whole CellNOTCH2NL is supported by BioGPS gene expression data to be expressed in Jurkat

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