

Product Datasheet

Notch1 Antibody

Catalog No: CY5244

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF ,FC



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Information

UniProt ID: P46531

All Names: NOTC1, NOTCH1, TAN1, hN1, neurogenic locus notch homolog protein 1, neurogenic locus notch homolog protein 1 precursor, notch (Drosophila) homolog 1 (translocation-associated), notch homolog 1, translocation-associated (Drosophila),

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 125 kDa

Application

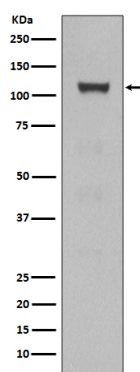
WB: 1:1000~1:2000

IHC: 1:50~1:200

ICC/IF: 1:50~1:200

Background

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. Involved in angiogenesis; negatively regulates endothelial cell proliferation and migration and angiogenic sprouting. Involved in the maturation of both CD4+ and CD8+ cells in the thymus. Important for follicular differentiation and possibly cell fate selection within the follicle. During cerebellar development, functions as a receptor for neuronal DNER and is involved in the differentiation of Bergmann glia. Represses neuronal and myogenic differentiation. May play an essential role in postimplantation development, probably in some aspect of cell specification and/or differentiation.



Western blot analysis of extracts of HEK293 lysate
,using NOTCH1 antibody.

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