

Product Datasheet

Notch 1 (Cleaved-Val1754) Antibody



Catalog No: AY0472

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB IHC

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Information

UniProt ID: P46531 H:V1754, M:V1744, R:V1744

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 derived from human Notch 1

Molecular Wt.: kDa

Application

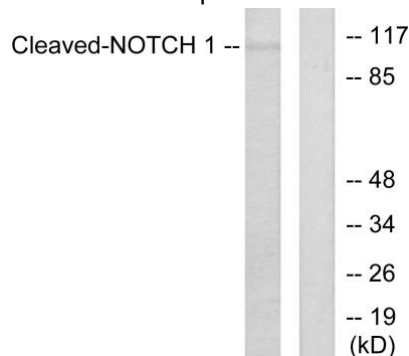
WB 1:500~1:1000

IHC: 1:50~1:100

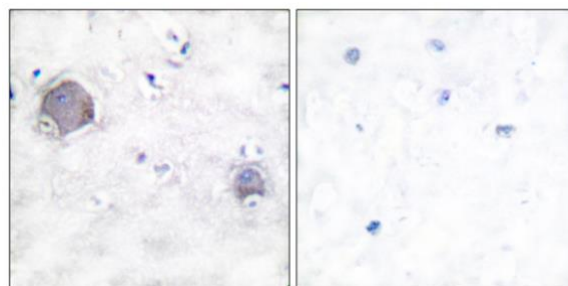
ELISA: 1:5000

Background

Functions as a receptor for membrane-bound ligands Jagged-1 (JAG1), Jagged-2 (JAG2) and Delta-1 (DLL1) 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.



Western blot analysis of extracts from NIH/3T3 cells, treated with etoposide (25μM, 1hour), using Notch 1 (cleaved-Val1744) antibody.



Immunohistochemical analysis of paraffin-embedded human brain tissue, using Notch 1 (cleaved-Val1754) antibody.

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