

(Mouse) Notch1 Antibody (C-term)

Catalog_no :	AB3306
Reactivity :	M
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This Mouse Notch1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 2403-2437 amino acids from the C-terminal region of Mouse Notch1.
Dilution :	WB,1:2000;
Other_name :	Neurogenic locus notch homolog protein 1, Notch 1, Motch A, mT14, p300, Notch 1 extracellular truncation, NEXT, Notch 1 intracellular domain, NICD, Notch1, Motch
Isotype :	Rabbit Ig
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. May be involved in mesoderm development, somite formation and neurogenesis. May enhance HIF1A function by sequestering HIF1AN away from HIF1A. Required for the THBS4 function in regulating protective astrogenesis from the subventricular zone (SVZ) niche after injury. Involved in determination of left/right symmetry by modulating the balance between motile and immotile (sensory) cilia at the left-right organiser (LRO).
reference :	Franco del Amo F.,et al.Genomics 15:259-264(1993). Nye J.S.,et al.Development 120:2421-2430(1994). Foltz D.R.,et al.Curr. Biol. 12:1006-1011(2002). Tsuji H.,et al.Carcinogenesis 24:1257-1268(2003). Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009)