

Activated Notch1 Antibody HRP Conjugated

Catalog No: #C03895H

Package Size: #C03895H 100ul

Description

Product Name	Activated Notch1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1754-1780 2555 derived from human Notch 1 intracellular domain.
Conjugates	HRP
Target Name	Neurogenic locus notch homolog protein 1
Other Names	hN1; AOS5; TAN1; AOVD1; Neurogenic locus notch homolog protein 1; Notch 1; Translocation-associated notch protein TAN-1; NOTCH1
Accession No.	Swiss-Prot#P46531NCBI Gene ID4851
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

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. 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 astrocytes 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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.