

## NOTCH3

**Reactivity:**Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**244kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant Protein of human NOTCH3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

ADASIL; CASIL

**Catalog #:**A0929

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4854

**Isotype:**IgG

**Swiss Prot:**Q9UM47

**Purity:**Affinity purification

For research use only.

**Background:**

NOTCH3 belongs to the NOTCH family. It 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 RBP-J kappa and activates genes of the enhancer of split locus. NOTCH3 affects the implementation of differentiation, proliferation and apoptotic programs. Defects in NOTCH3 are the cause of cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). The antibody is specific to NOTCH3.

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