

**Product Name: Notch4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02831**



## Summary

<b>Production Name</b>	Notch4 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	NOTCH4
<b>Alternative Names</b>	NOTCH4; INT3; Neurogenic locus notch homolog protein 4; Notch 4; hNotch4
<b>Gene ID</b>	4855
<b>SwissProt ID</b>	Q99466.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000
<b>Molecular Weight</b>	Calculated MW: 210 kDa; Observed MW: 36 kDa

## Background

Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination.

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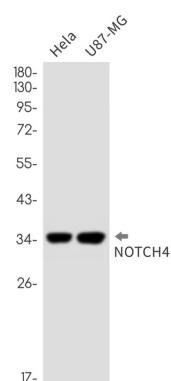


Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs. May regulate branching morphogenesis in the developing vascular system (By similarity).

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of NOTCH4 in HeLa, U87-MG lysates using Notch4 antibody.

## Note

For research use only.