

Product Name: Notch4 Rabbit Monoclonal Antibody
Catalog #: AMRe02831



Summary

Production Name	Notch4 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

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

Immunogen

Gene Name	NOTCH4
Alternative Names	NOTCH4; INT3; Neurogenic locus notch homolog protein 4; Notch 4; hNotch4
Gene ID	4855
SwissProt ID	Q99466

Application

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

Background

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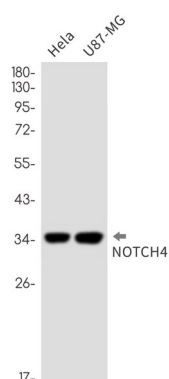


Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs. 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.