

Product Name: Notch1 Rabbit Monoclonal Antibody
Catalog #: AMRe87095



Summary

Production Name	Notch1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	Notch1
Alternative Names	hN1; AOS5; TAN1; AOVD1
Gene ID	4851
SwissProt ID	P46531.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 FC: 1:100-1:200
Molecular Weight	Calculated MW:273 kDa; Observed MW:120 kDa

Background

This gene encodes a member of the NOTCH family of proteins. Members of this Type I transmembrane protein family share

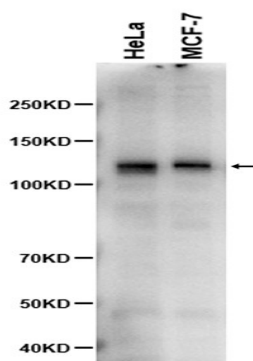
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structural characteristics including an extracellular domain consisting of multiple epidermal growth factor-like (EGF) repeats, and an intracellular domain consisting of multiple different domain types. Notch signaling is an evolutionarily conserved intercellular signaling pathway that regulates interactions between physically adjacent cells through binding of Notch family receptors to their cognate ligands. The encoded preproprotein is proteolytically processed in the trans-Golgi network to generate two polypeptide chains that heterodimerize to form the mature cell-surface receptor. This receptor plays a role in the development of numerous cell and tissue types. Mutations in this gene are associated with aortic valve disease, Adams-Oliver syndrome, T-cell acute lymphoblastic leukemia, chronic lymphocytic leukemia, and head and neck squamous cell carcinoma. [provided by RefSeq, Jan 2016]

Research Area

Image Data



Western blot analysis of extracts from HeLa, MCF-7 cells using AMRe87095 at 1:1000.

Note

For research use only.