





# Cleaved-Notch 1 (V1754) Monoclonal Antibody

Catalog No         YP-mAb-12885           Isotype         IgG           Reactivity         Human;Mouse;Rat           Applications         WB           Gene Name         NOTCH1           Protein Name         Neurogenic locus notch homolog protein 1           Immunogen         The antiserum was produced against synthesized peptide derived from human Notch 1. AA range: 1735-1784           Specificity         Cleaved-Notch 1 (V1754) Monoclonal Antibody detects endogenous levels of fragment of activated Notch 1 protein resulting from cleavage adjacent to V1754.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-puriment of puriment of		
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## **Background**

notch 1(NOTCH1) Homo sapiens This gene encodes a member of the NOTCH family of proteins. Members of this Type I transmembrane protein family share 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 valve disease, Adams-Oliver syndrome, T-cell acute lymphoblastic leukemia, chronic lymph

#### matters needing attention

Avoid repeated freezing and thawing!

## **Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

# **Products Images**

C Notch1 Rbpi Gapdh Western Blot analysis of various cells using Cleaved-Notch 1 (V1754) Monoclonal Antibody