

A11879

Leader in Biomolecular Solutions for Life Science



Notch1 Rabbit mAb

Catalog No.: A11879

Recombinant

Basic Information

Observed MW

120kDa

Calculated MW

273kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,IP,ChIP,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

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, chronic lymphocytic leukemia, and head and neck squamous cell carcinoma.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
IP	1:20 - 1:50
ChIP	1:20 - 1:100

Immunogen Information

Gene ID

4851

Swiss Prot

P46531

Immunogen

Recombinant protein of human Notch1

Synonyms

hN1; AOS5; TAN1; AOVD1; Notch1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

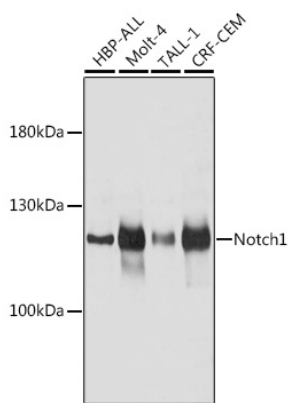
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Notch1 Rabbit mAb (A11879).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.