[KO Validated] NOTCH1 Rabbit Polyclonal Antibody



CAB16675

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

120KDa

Calculated MW:

272kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

lymphocytic leukemia, and head and neck squamous cell carcinoma.

Immunogen information

Protein Background

Gene ID:

4851

Uniprot P46531

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 -1:200

Source:

Rabbit

Isotype:

IgG

Synonyms:

AOS5; AOVD1; TAN1; hN1; NOTCH1; Activated NOTCH1; notch 1

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-Golqi 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

Immunogen:

A synthetic peptide of human NOTCH1

Storage:

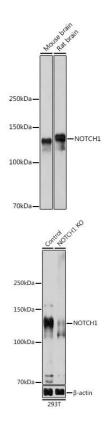
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

Purification:

Affinity purification

Product Images



Western blot analysis of extracts of various cell lines, using NOTCH1 antibody (CAB16675) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.

Western blot analysis of extracts from normal (control) and NOTCH1 knockout (KO) 293T cells, using NOTCH1 antibody (CAB16675) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.