



Cat. No: AB-84808
Conjugate: Unconjugated
Size: 100ug
Clone: POLY
Concentration: 1mg/ml
Host: Rabbit
Isotype: IgG
Immunogen: The antiserum was produced against synthesized peptide derived from human Notch 1. AA range:1735-1784
Reactivity: Human;Mouse;Rat

Applications: Western Blot: 1:500-2000
 Immunohistochemistry (paraffin-embedded tissues): 1:50-300
 Immunofluorescence: 1:50-300

Molecular Weight: 110kD

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Synonyms: NOTCH1; TAN1; Neurogenic locus notch homolog protein 1; Notch 1; hN1; Translocation-associated notch protein TAN-1

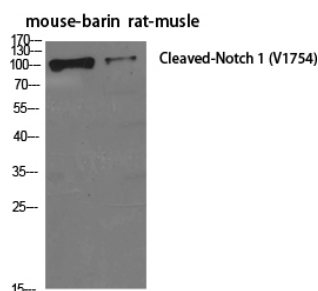
Background:

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, chronic lymph.

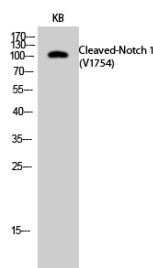
Form: Liquid

Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

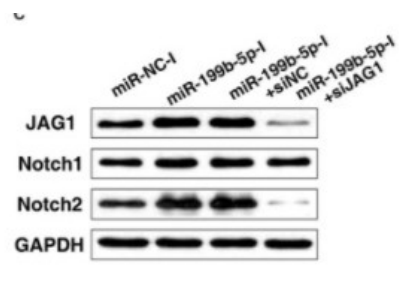
Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.



Western Blot analysis of various cells

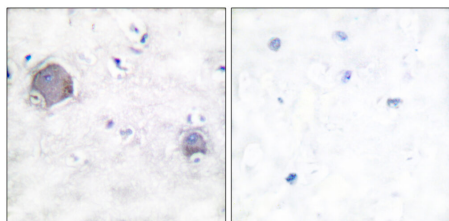


Western Blot analysis of KB cells using



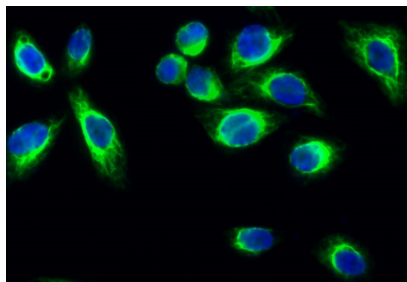
Qu, Xiaochen, et al. "MiR-199b-5p

using Cleaved-Notch 1 (V1754)
Polyclonal Antibody diluted at 1:500



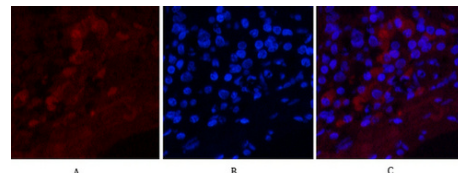
Immunohistochemistry analysis of
paraffin-embedded human brain tissue,
using Notch 1 (Cleaved-Val1754)
Antibody. The picture on the right is
blocked with the synthesized peptide.

Cleaved-Notch 1 (V1754) Polyclonal
Antibody diluted at 1:500



Immunofluorescence analysis of HeLa
cell. 1, Cleaved-Notch 1 (V1754)
Polyclonal Antibody (green) was diluted
at 1:200 (4° overnight). 2, Goat Anti
Rabbit Alexa Fluor 488 was diluted at
1:1000 (room temperature, 50min). 3
DAPI (blue) 10min.

inhibits osteogenic differentiation in
ligamentum flavum cells by targeting
JAG1 and modulating the Notch
signalling pathway." Journal of cellular
and molecular medicine 21.6 (2017):
1159-1170.



Immunofluorescence analysis of Human-
lung-cancer tissue. 1, Cleaved-Notch 1
(V1754) Polyclonal Antibody (red) was
diluted at 1:200 (4°C, overnight). 2, Cy3
labeled Secondary antibody was diluted at
1:300 (room temperature, 50min). 3,
Picture B: DAPI (blue) 10min. Picture
A: Target. Picture B: DAPI. Picture C:
merge of A+B

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