

Resource Summary Report

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Cleaved Notch1 (Val1744) (D3B8) XP(tm) Rabbit mAb

RRID:AB_2153348

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4147, RRID:AB_2153348)

Antibody Information

URL: http://antibodyregistry.org/AB_2153348

Proper Citation: (Cell Signaling Technology Cat# 4147, RRID:AB_2153348)

Target Antigen: Notch1

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, ChIP. Consolidation on 10/2018: AB_10435419, AB_10436972, AB_2153348, AB_2153351.

Antibody Name: Cleaved Notch1 (Val1744) (D3B8) XP(tm) Rabbit mAb

Description: This monoclonal targets Notch1

Target Organism: human, mouse, rat

Antibody ID: AB_2153348

Vendor: Cell Signaling Technology

Catalog Number: 4147

Ratings and Alerts

No rating or validation information has been found for Cleaved Notch1 (Val1744) (D3B8) XP(tm) Rabbit mAb.

No alerts have been found for Cleaved Notch1 (Val1744) (D3B8) XP(tm) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 58 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Glotzbach K, et al. (2024) Substrate-bound and soluble domains of tenascin-C regulate differentiation, proliferation and migration of neural stem and progenitor cells. *Frontiers in cellular neuroscience*, 18, 1357499.

Sunshine HL, et al. (2024) Endothelial Jagged1 levels and distribution are post-transcriptionally controlled by ZFP36 decay proteins. *Cell reports*, 43(1), 113627.

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. *Developmental cell*, 59(3), 308.

Herrera JL, et al. (2024) Akt3 activation by R-Ras in an endothelial cell enforces quiescence and barrier stability of neighboring endothelial cells via Jagged1. *Cell reports*, 43(3), 113837.

Sun Y, et al. (2023) Apolipoprotein E4 inhibits γ -secretase activity via binding to the γ -secretase complex. *Journal of neurochemistry*, 164(6), 858.

Lu P, et al. (2023) Prerequisite endocardial-mesenchymal transition for murine cardiac trabecular angiogenesis. *Developmental cell*, 58(9), 791.

Jannaway M, et al. (2023) VEGFR3 is required for button junction formation in lymphatic vessels. *Cell reports*, 42(7), 112777.

Bian W, et al. (2023) A spatially defined human Notch receptor interaction network reveals Notch intracellular storage and Ataxin-2-mediated fast recycling. *Cell reports*, 42(7), 112819.

Travisano SI, et al. (2023) Single-nuclei multiomic analyses identify human cardiac lymphatic endothelial cells associated with coronary arteries in the epicardium. *Cell reports*, 42(9), 113106.

Coppo R, et al. (2023) Distinct but interchangeable subpopulations of colorectal cancer cells with different growth fates and drug sensitivity. *iScience*, 26(2), 105962.

Roth G, et al. (2023) Unidirectional and phase-gated signaling synchronizes murine presomitic mesoderm cells. *Developmental cell*, 58(11), 967.

Park CS, et al. (2023) Stromal-induced epithelial-mesenchymal transition induces targetable drug resistance in acute lymphoblastic leukemia. *Cell reports*, 42(7), 112804.

Yu T, et al. (2022) SRSF1 governs progenitor-specific alternative splicing to maintain adult epithelial tissue homeostasis and renewal. *Developmental cell*, 57(5), 624.

Fan L, et al. (2022) Caspase-4/11 is critical for angiogenesis by repressing Notch1 signalling via inhibiting γ -secretase activity. *British journal of pharmacology*, 179(20), 4809.

Parikh AS, et al. (2022) Single-cell RNA sequencing identifies a paracrine interaction that may drive oncogenic notch signaling in human adenoid cystic carcinoma. *Cell reports*, 41(9), 111743.

Bochter MS, et al. (2022) Lfng and Dll3 cooperate to modulate protein interactions in cis and coordinate oscillatory Notch pathway activation in the segmentation clock. *Developmental biology*, 487, 42.

Serra CFH, et al. (2022) Prominin 1 and Notch regulate ciliary length and dynamics in multiciliated cells of the airway epithelium. *iScience*, 25(8), 104751.

Zhou Y, et al. (2022) EBF1 nuclear repositioning instructs chromatin refolding to promote therapy resistance in T leukemic cells. *Molecular cell*, 82(5), 1003.

Kadur Lakshminarasimha Murthy P, et al. (2022) Epigenetic basis of oncogenic-Kras-mediated epithelial-cellular proliferation and plasticity. *Developmental cell*, 57(3), 310.

Fernández-Pisonero I, et al. (2022) A hotspot mutation targeting the R-RAS2 GTPase acts as a potent oncogenic driver in a wide spectrum of tumors. *Cell reports*, 38(11), 110522.