Resource Summary Report

Generated by RRID on Aug 4, 2026

Notch1 (D6F11) XP Rabbit mAb

RRID:AB_10691684
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4380, RRID:AB_10691684

Antibody Information

URL: http://antibodyregistry.org/AB_10691684

Proper Citation: Cell Signaling Technology Cat# 4380, RRID:AB_10691684

Target Antigen: Notch1 (D6F11) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, F. Consolidation on 7/2016: AB_10693436. Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Notch1 (D6F11) XP Rabbit mAb

Description: This monoclonal targets Notch1 (D6F11) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_10691684

Vendor: Cell Signaling Technology

Catalog Number: 4380

Alternative Catalog Numbers: 4380S, 4380P

Record Creation Time: 20250820T015636+0000

Record Last Update: 20250820T121622+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Notch1 (D6F11) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Karakis V, et al. (2025) Derivation of human trophoblast stem cells from placentas at birth. bioRxiv : the preprint server for biology.

Karakis V, et al. (2025) Derivation of human trophoblast stem cells from placentas at birth. The Journal of biological chemistry, 301(6), 108505.

Lee SH, et al. (2025) Dynamic decoding of VEGF signaling and coordinated control of multiple phenotypes by the Src-TEM4-YAP pathway. Cell systems, 16(7), 101321.

Jabeen M, et al. (2025) A quantitative image analysis platform for assessing trophoblast differentiation. Placenta, 166, 117.

Chang J, et al. (2025) Single-cell multi-stage spatial evolutional map of esophageal carcinogenesis. Cancer cell, 43(3), 380.

Wei Y, et al. (2024) Sirt6 regulates the proliferation of neural precursor cells and cortical neurogenesis in mice. iScience, 27(2), 108706.

Karakis V, et al. (2023) Laminin switches terminal differentiation fate of human trophoblast stem cells under chemically defined culture conditions. The Journal of biological chemistry, 299(5), 104650.

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

Caeser R, et al. (2021) MAPK pathway activation selectively inhibits ASCL1-driven small cell lung cancer. iScience, 24(11), 103224.

Jung E, et al. (2021) Tumor cell plasticity, heterogeneity, and resistance in crucial microenvironmental niches in glioma. Nature communications, 12(1), 1014.

Hoshikawa S, et al. (2020) Phosphorylation-dependent osterix degradation negatively regulates osteoblast differentiation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(11), 14930.

Chen P, et al. (2019) Symbiotic Macrophage-Glioma Cell Interactions Reveal Synthetic Lethality in PTEN-Null Glioma. Cancer cell, 35(6), 868.

Meyer K, et al. (2019) REST and Neural Gene Network Dysregulation in iPSC Models of Alzheimer's Disease. Cell reports, 26(5), 1112.

Muter J, et al. (2018) The Glycosyltransferase EOGT Regulates Adropin Expression in Decidualizing Human Endometrium. Endocrinology, 159(2), 994.

Fukushima H, et al. (2017) NOTCH2 Hajdu-Cheney Mutations Escape SCFFBW7-Dependent Proteolysis to Promote Osteoporosis. Molecular cell, 68(4), 645.