

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 2, 2025

PTEN (D4.3) XP Rabbit mAb

RRID:AB_2253290

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9188, RRID:AB_2253290)

Antibody Information

URL: http://antibodyregistry.org/AB_2253290

Proper Citation: (Cell Signaling Technology Cat# 9188, RRID:AB_2253290)

Target Antigen: PTEN (D4.3) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P. Consolidation: AB_2174349, AB_10828327.

Antibody Name: PTEN (D4.3) XP Rabbit mAb

Description: This monoclonal targets PTEN (D4.3) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, non-human primate, human, mk

Antibody ID: AB_2253290

Vendor: Cell Signaling Technology

Catalog Number: 9188

Alternative Catalog Numbers: 9188S, 9188P, 9188L

Record Creation Time: 20231110T074043+0000

Record Last Update: 20241115T001953+0000

Ratings and Alerts

No rating or validation information has been found for PTEN (D4.3) XP Rabbit mAb.

No alerts have been found for PTEN (D4.3) XP 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](#).

Yonan JM, et al. (2024) PTEN deletion in the adult dentate gyrus induces epilepsy. *Neurobiology of disease*, 203, 106736.

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. *Developmental cell*, 59(2), 228.

Nguele Meke F, et al. (2024) Inhibition of PRL2 Upregulates PTEN and Attenuates Tumor Growth in Tp53-deficient Sarcoma and Lymphoma Mouse Models. *Cancer research communications*, 4(1), 5.

Ullrich V, et al. (2024) KDM5B predicts temozolomide-resistant subclones in glioblastoma. *iScience*, 27(1), 108596.

Yonan JM, et al. (2024) PTEN DELETION IN THE ADULT DENTATE GYRUS INDUCES EPILEPSY. *bioRxiv : the preprint server for biology*.

Trekitkarnmongkol W, et al. (2024) Epigenetic activation of SOX11 is associated with recurrence and progression of ductal carcinoma in situ to invasive breast cancer. *British journal of cancer*, 131(1), 171.

Bagh MB, et al. (2024) Disruption of lysosomal nutrient sensing scaffold contributes to pathogenesis of a fatal neurodegenerative lysosomal storage disease. *The Journal of biological chemistry*, 300(2), 105641.

Trekitkarnmongkol W, et al. (2024) eEF1A2 promotes PTEN-GSK3 β -SCF complex-dependent degradation of Aurora kinase A and is inactivated in breast cancer. *Science signaling*, 17(826), eadh4475.

Fu XQ, et al. (2024) Comparative transcriptomic profiling reveals a role for Olig1 in promoting axon regeneration. *Cell reports*, 43(7), 114514.

Liao K, et al. (2024) Critical roles of the miR-17-92 family in thymocyte development, leukemogenesis, and autoimmunity. *Cell reports*, 43(6), 114261.

Dilday T, et al. (2024) Identification and characterization of a potent and selective HUNK inhibitor for treatment of HER2+ breast cancer. *Cell chemical biology*.

Hu LT, et al. (2023) Exosomal miR-23b from bone marrow mesenchymal stem cells alleviates oxidative stress and pyroptosis after intracerebral hemorrhage. *Neural regeneration research*, 18(3), 560.

Carlock C, et al. (2023) PRL2 inhibition elevates PTEN protein and ameliorates progression of acute myeloid leukemia. *JCI insight*, 8(19).

Steiner I, et al. (2023) Autocrine activation of MAPK signaling mediates intrinsic tolerance to androgen deprivation in LY6D prostate cancer cells. *Cell reports*, 42(4), 112377.

Fan B, et al. (2023) PTEN inhibitor bisperoxovanadium protects against noise-induced hearing loss. *Neural regeneration research*, 18(7), 1601.

Pintacuda G, et al. (2023) Protein interaction studies in human induced neurons indicate convergent biology underlying autism spectrum disorders. *Cell genomics*, 3(3), 100250.

Metcalfe M, et al. (2023) PTEN deletion in spinal pathways via retrograde transduction with AAV-RG enhances forelimb motor recovery after cervical spinal cord injury; Sex differences and late-onset pathophysiology. *Experimental neurology*, 370, 114551.

Chessa TAM, et al. (2023) PLEKHS1 drives PI3Ks and remodels pathway homeostasis in PTEN-null prostate. *Molecular cell*, 83(16), 2991.

Metcalfe M, et al. (2023) PTEN deletion in spinal pathways via retrograde transduction with AAV-retro enhances forelimb motor recovery after cervical spinal cord injury; sex differences and late-onset pathophysiology. *bioRxiv : the preprint server for biology*.

Yonan JM, et al. (2023) Vector-mediated PTEN deletion in the adult dentate gyrus initiates new growth of granule cell bodies and dendrites and expansion of mossy fiber terminal fields that continues for months. *Neurobiology of disease*, 184, 106190.