

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

PI3 Kinase p110 Antibody

RRID:AB_659888

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4255, RRID:AB_659888

Antibody Information

URL: http://antibodyregistry.org/AB_659888

Proper Citation: Cell Signaling Technology Cat# 4255, RRID:AB_659888

Target Antigen: PI3 Kinase p110

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP. Consolidation on 10/2018: AB_10695395, AB_659888.

Antibody Name: PI3 Kinase p110 Antibody

Description: This polyclonal targets PI3 Kinase p110

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

Antibody ID: AB_659888

Vendor: Cell Signaling Technology

Catalog Number: 4255

Record Creation Time: 20250819T221248+0000

Record Last Update: 20250820T012816+0000

Ratings and Alerts

No rating or validation information has been found for PI3 Kinase p110 Antibody.

No alerts have been found for PI3 Kinase p110 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Wang C, et al. (2025) Human-induced pluripotent stem cell-derived neural stem cell exosomes improve blood-brain barrier function after intracerebral hemorrhage by activating astrocytes via PI3K/AKT/MCP-1 axis. *Neural regeneration research*, 20(2), 518.

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

Han R, et al. (2023) The potential therapeutic regimen for overcoming resistance to osimertinib due to rare mutations in NSCLC. *iScience*, 26(7), 107105.

Chen Y, et al. (2023) Inhibition of mGluR5/PI3K-AKT Pathway Alleviates Alzheimer's Disease-Like Pathology Through the Activation of Autophagy in 5XFAD Mice. *Journal of Alzheimer's disease : JAD*, 91(3), 1197.

Hu SH, et al. (2022) Methylene-bridge tryptophan fatty acylation regulates PI3K-AKT signaling and glucose uptake. *Cell reports*, 38(11), 110509.

Waters AM, et al. (2021) Targeting p130Cas- and microtubule-dependent MYC regulation sensitizes pancreatic cancer to ERK MAPK inhibition. *Cell reports*, 35(13), 109291.

Kharbanda A, et al. (2020) Blocking EGFR palmitoylation suppresses PI3K signaling and mutant KRAS lung tumorigenesis. *Science signaling*, 13(621).

Li W, et al. (2020) Intermittent fasting promotes adult hippocampal neuronal differentiation by activating GSK-3?? in 3xTg-AD mice. *Journal of neurochemistry*, 155(6), 697.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Tiede C, et al. (2017) Affimer proteins are versatile and renewable affinity reagents. *eLife*, 6.