

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

PP1alpha Antibody

RRID:AB_330822

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2582, RRID:AB_330822

Antibody Information

URL: http://antibodyregistry.org/AB_330822

Proper Citation: Cell Signaling Technology Cat# 2582, RRID:AB_330822

Target Antigen: PP1alpha

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10693637, AB_330822.

Antibody Name: PP1alpha Antibody

Description: This polyclonal targets PP1alpha

Target Organism: drosophilaarthropod, rat, h, dm, m, mouse, r, human, mk

Antibody ID: AB_330822

Vendor: Cell Signaling Technology

Catalog Number: 2582

Record Creation Time: 20250820T001703+0000

Record Last Update: 20250820T075147+0000

Ratings and Alerts

No rating or validation information has been found for PP1alpha Antibody.

No alerts have been found for PP1alpha Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Schlautmann L, et al. (2025) Glucose tasting depletes intracellular calcium stores and impairs macrophage functionality. iScience, 28(11), 113770.

Wang N, et al. (2024) Reactive Oxygen species dependent increase in H3K27 acetylation by intermittent hypoxia is regulated by H3S28 phosphorylation. bioRxiv : the preprint server for biology.

Wang N, et al. (2022) Protein phosphatase 1 regulates reactive oxygen species-dependent degradation of histone deacetylase 5 by intermittent hypoxia. American journal of physiology. Cell physiology, 323(2), C423.

Alhamyani A, et al. (2022) Glycogen phosphorylase isoform regulation of glucose and energy sensor expression in male versus female rat hypothalamic astrocyte primary cultures. Molecular and cellular endocrinology, 553, 111698.

Ibrahim MMH, et al. (2020) Norepinephrine Regulation of Adrenergic Receptor Expression, 5' AMP-Activated Protein Kinase Activity, and Glycogen Metabolism and Mass in Male Versus Female Hypothalamic Primary Astrocyte Cultures. ASN neuro, 12, 1759091420974134.

Mazhar S, et al. (2020) Challenges and Reinterpretation of Antibody-Based Research on Phosphorylation of Tyr307 on PP2Ac. Cell reports, 30(9), 3164.

Hintermayer MA, et al. (2020) Tau protein phosphorylation at Thr175 initiates fibril formation via accessibility of the N-terminal phosphatase-activating domain. Journal of neurochemistry, 155(3), 313.