

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.