

Resource Summary Report

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

Phospho-PP1alpha (Thr320) Antibody

RRID:AB_330823

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2581, RRID:AB_330823

Antibody Information

URL: http://antibodyregistry.org/AB_330823

Proper Citation: Cell Signaling Technology Cat# 2581, RRID:AB_330823

Target Antigen: Phospho-PP1alpha (Thr320)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IHC-P

Antibody Name: Phospho-PP1alpha (Thr320) Antibody

Description: This polyclonal targets Phospho-PP1alpha (Thr320)

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

Antibody ID: AB_330823

Vendor: Cell Signaling Technology

Catalog Number: 2581

Record Creation Time: 20250820T015704+0000

Record Last Update: 20250820T121744+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PP1alpha (Thr320) Antibody.

No alerts have been found for Phospho-PP1alpha (Thr320) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 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.

Xiang S, et al. (2024) Identification of ATP-Competitive Human CMG Helicase Inhibitors for Cancer Intervention that Disrupt CMG-Replisome Function. *Molecular cancer therapeutics*, 23(11), 1568.

Xiang S, et al. (2023) Identification of Selective ATP-Competitive CMG Helicase Inhibitors for Cancer Intervention that Disrupt CMG-Replisome Function. *Research square*.

Christensen KR, et al. (2023) Phosphomimetics at Ser199/Ser202/Thr205 in Tau Impairs Axonal Transport in Rat Hippocampal Neurons. *Molecular neurobiology*, 60(6), 3423.

Serpico AF, et al. (2022) Compartmentalized control of Cdk1 drives mitotic spindle assembly. *Cell reports*, 38(4), 110305.

Combs B, et al. (2021) Frontotemporal Lobar Dementia Mutant Tau Impairs Axonal Transport through a Protein Phosphatase 1 γ -Dependent Mechanism. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(45), 9431.

Dore K, et al. (2021) PSD-95 protects synapses from γ -amyloid. *Cell reports*, 35(9), 109194.

Dong W, et al. (2020) Streptococcus pneumoniae Infection Promotes Histone H3 Dephosphorylation by Modulating Host PP1 Phosphatase. *Cell reports*, 30(12), 4016.

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

Heroes E, et al. (2019) Structure-Guided Exploration of SDS22 Interactions with Protein Phosphatase PP1 and the Splicing Factor BCLAF1. *Structure (London, England : 1993)*, 27(3), 507.

Chiu AM, et al. (2019) NMDAR-Activated PP1 Dephosphorylates GluN2B to Modulate NMDAR Synaptic Content. *Cell reports*, 28(2), 332.