

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

PLC-gamma-1 Antibody

RRID:AB_2163702

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2822, RRID:AB_2163702

Antibody Information

URL: http://antibodyregistry.org/AB_2163702

Proper Citation: Cell Signaling Technology Cat# 2822, RRID:AB_2163702

Target Antigen: PLC gamma 1

Clonality: unknown

Comments: Applications: W, IP. Consolidation on 10/2018: AB_10691689, AB_2163702.

Antibody Name: PLC-gamma-1 Antibody

Description: This unknown targets PLC gamma 1

Target Organism: rat, mouse, human

Antibody ID: AB_2163702

Vendor: Cell Signaling Technology

Catalog Number: 2822

Record Creation Time: 20250820T041848+0000

Record Last Update: 20250820T183810+0000

Ratings and Alerts

No rating or validation information has been found for PLC-gamma-1 Antibody.

No alerts have been found for PLC-gamma-1 Antibody.

Data and Source Information

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Rainwater RR, et al. (2026) DNA-PKcs controls the cytotoxic T cell response to cancer and transplant allograft through regulating LAT-dependent signaling. *Cell reports*, 45(1), 116796.

Izawa K, et al. (2026) IgE-dependent anaphylaxis is regulated by sphingolipid binding to activating and inhibitory CD300 family members. *Cell reports*, 45(3), 117054.

Kremmyda P, et al. (2026) SHP2 regulates VEGFR2 Y1175/PLC γ signaling to impair tumor endothelial barrier stability. *iScience*, 29(2), 114784.

Rubin AJ, et al. (2026) Disordered protein LAT encodes relative levels of signaling pathways in T cell activation. *Science (New York, N.Y.)*, 392(6797), eads6847.

Xu Y, et al. (2025) Sensitized mast cells for targeted drug delivery and augmented cancer immunotherapy. *Cell*.

Saidia AR, et al. (2024) Oxidative Stress Plays an Important Role in Glutamatergic Excitotoxicity-Induced Cochlear Synaptopathy: Implication for Therapeutic Molecules Screening. *Antioxidants (Basel, Switzerland)*, 13(2).

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. *Cell reports*, 43(12), 114984.

Jing R, et al. (2024) Oat β -glucan repairs the epidermal barrier by upregulating the levels of epidermal differentiation, cell-cell junctions and lipids via Dectin-1. *British journal of pharmacology*, 181(11), 1596.

Xu Y, et al. (2024) Placenta-derived SOD3 deletion impairs maternal behavior via alterations in FGF/FGFR-prolactin signaling axis. *Cell reports*, 43(10), 114789.

Sadeghi M, et al. (2024) Biased signaling by mutant EGFR underlies dependence on PKC γ in lung adenocarcinoma. *Cell reports*, 43(12), 115026.

Wu L, et al. (2023) CD28-CAR-T cell activation through FYN kinase signaling rather than LCK enhances therapeutic performance. *Cell reports. Medicine*, 4(2), 100917.

Leca J, et al. (2023) IDH2 and TET2 mutations synergize to modulate T Follicular Helper cell functional interaction with the AITL microenvironment. *Cancer cell*, 41(2), 323.

Pandey HS, et al. (2022) Coronin 1A facilitates calcium mobilization and promotes astrocyte reactivity in HIV-1 neuropathogenesis. *FASEB bioAdvances*, 4(4), 254.

Wu Q, et al. (2022) EGFR Inhibition Potentiates FGFR Inhibitor Therapy and Overcomes Resistance in FGFR2 Fusion-Positive Cholangiocarcinoma. *Cancer discovery*, 12(5), 1378.

Yao L, et al. (2022) Temporal control of PDGFR β regulates the fibroblast-to-myofibroblast transition in wound healing. *Cell reports*, 40(7), 111192.

Moy RH, et al. (2022) Functional genetic screen identifies ITPR3/calcium/RELB axis as a driver of colorectal cancer metastatic liver colonization. *Developmental cell*, 57(9), 1146.

Wang Z, et al. (2022) 3D-organoid culture supports differentiation of human CAR⁺ iPSCs into highly functional CAR T cells. *Cell stem cell*, 29(4), 515.

Lin CC, et al. (2022) Receptor tyrosine kinases regulate signal transduction through a liquid-liquid phase separated state. *Molecular cell*, 82(6), 1089.

Roy R, et al. (2022) Overriding impaired FPR chemotaxis signaling in diabetic neutrophil stimulates infection control in murine diabetic wound. *eLife*, 11.

Williams CM, et al. (2021) Monomeric/dimeric forms of Fgf15/FGF19 show differential activity in hepatocyte proliferation and metabolic function. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(2), e21286.