

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Phospho-Src Family (Tyr416) Antibody

RRID:AB_331697

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2101, RRID:AB_331697

Antibody Information

URL: http://antibodyregistry.org/AB_331697

Proper Citation: Cell Signaling Technology Cat# 2101, RRID:AB_331697

Target Antigen: Phospho-Src Family (Tyr416)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 7/2016: AB_331697.

Antibody Name: Phospho-Src Family (Tyr416) Antibody

Description: This polyclonal targets Phospho-Src Family (Tyr416)

Target Organism: rat, h, chicken/bird, m, mouse, x), r, xenopus/amphibian, (c, human

Antibody ID: AB_331697

Vendor: Cell Signaling Technology

Catalog Number: 2101

Alternative Catalog Numbers: 2101S, 2101L

Record Creation Time: 20250820T024750+0000

Record Last Update: 20250820T143220+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Src Family (Tyr416) Antibody.

No alerts have been found for Phospho-Src Family (Tyr416) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 99 mentions in open access literature.

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

Xiao J, et al. (2025) Coordination of Focal Adhesion Nanoarchitecture and Dynamics in Mechanosensing for Cardiomyoblast Differentiation. ACS applied materials & interfaces, 17(3), 4463.

Flower CT, et al. (2025) Signaling and transcriptional dynamics underlying early adaptation to oncogenic BRAF inhibition. Cell systems, 16(4), 101239.

Feng Y, et al. (2025) TBK1 phagosomal recruitment enhances antifungal immunity via positive feedback regulation with SRC. Cell reports, 44(7), 115972.

Pequerul R, et al. (2025) Inter- and intra-tumoral ALDH1 heterogeneity in breast cancer identifies therapeutic opportunities for ALDH1A-specific inhibitors. Cell chemical biology.

Fu W, et al. (2025) Trefoil factor 2 interacts with A4GNT to regulate inflammation to protect against pneumonia during influenza virus infection. iScience, 28(9), 113370.

Pocasap P, et al. (2025) Unveiling the Anticancer Potential and Molecular Mechanisms of Fangchinoline Against Cholangiocarcinoma Using FTIR Microspectroscopy, In Vitro and In Silico Approaches. Integrative cancer therapies, 24, 15347354251396513.

Hung CH, et al. (2024) Defective N-glycosylation of IL6 induces metastasis and tyrosine kinase inhibitor resistance in lung cancer. Nature communications, 15(1), 7885.

Chen W, et al. (2024) Zdhhc1- and Zdhhc2-mediated Gpm6a palmitoylation is essential for maintenance of mammary stem cell activity. Cell reports, 43(9), 114762.

Otsuka S, et al. (2024) Calcineurin is an adaptor required for assembly of the TCR signaling complex. Cell reports, 43(8), 114568.

Xu X, et al. (2024) Phase separation of chimeric antigen receptor promotes immunological synapse maturation and persistent cytotoxicity. Immunity, 57(12), 2755.

Pakharukova N, et al. (2024) Beta-arrestin 1 mediated Src activation via Src SH3 domain revealed by cryo-electron microscopy. bioRxiv : the preprint server for biology.

Fournier M, et al. (2024) Reciprocal inhibition of NOTCH and SOX2 shapes tumor cell plasticity and therapeutic escape in triple-negative breast cancer. EMBO molecular medicine, 16(12), 3184.

Cong J, et al. (2024) Bile acids modified by the intestinal microbiota promote colorectal cancer growth by suppressing CD8⁺ T cell effector functions. *Immunity*.

Lee YB, et al. (2024) Function of a complex of p-Y42 RhoA GTPase and pyruvate kinase M2 in EGF signaling pathway in glioma cells. *Journal of neurochemistry*.

Ishii K, et al. (2023) Reelin regulates the migration of late-born hippocampal CA1 neurons via cofilin phosphorylation. *Molecular and cellular neurosciences*, 124, 103794.

Yan JT, et al. (2023) NE-activated β 2-AR/ β -arrestin 2/Src pathway mediates duodenal hyperpermeability induced by water-immersion restraint stress. *American journal of physiology. Cell physiology*, 324(1), C133.

Omini MP, et al. (2023) Protocol to characterize extracellular c-Src tyrosine kinase function through substrate interaction and phosphorylation. *STAR protocols*, 4(4), 102755.

Kang DH, et al. (2023) Blood flow patterns switch VEGFR2 activity through differential S-nitrosylation and S-oxidation. *Cell reports*, 42(11), 113361.

Koudelková L, et al. (2023) Phosphorylation of tyrosine 90 in SH3 domain is a new regulatory switch controlling Src kinase. *eLife*, 12.

Chaudhuri P, et al. (2023) p38 MAPK activation and STIM1-Orai3 association mediate TRPC6 externalization. *American journal of physiology. Cell physiology*, 324(6), C1199.