Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Phospho-Cofilin (Ser3) (77G2) Rabbit mAb

RRID:AB_2080597
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3313, RRID:AB_2080597)

Antibody Information

URL: http://antibodyregistry.org/AB_2080597

Proper Citation: (Cell Signaling Technology Cat# 3313, RRID:AB_2080597)

Target Antigen: Cfl1

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC. Consolidation on 11/2018: AB_10140374, AB_10140711, AB_10140916, AB_2080597, AB_2244926. Info: Used By NYUIHC-700. Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Phospho-Cofilin (Ser3) (77G2) Rabbit mAb

Description: This monoclonal targets Cfl1

Target Organism: rat, mouse, human

Antibody ID: AB_2080597

Vendor: Cell Signaling Technology

Catalog Number: 3313

Record Creation Time: 20241016T234729+0000

Record Last Update: 20241017T011511+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Phospho-Cofilin (Ser3) (77G2) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 43 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Cui Y, et al. (2025) MET receptor tyrosine kinase promotes the generation of functional synapses in adult cortical circuits. Neural regeneration research, 20(5), 1431.

Lagani GD, et al. (2024) Beyond Glycolysis: Aldolase A Is a Novel Effector in Reelin-Mediated Dendritic Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(42).

Narayanan R, et al. (2024) miRNA-mediated inhibition of an actomyosin network in hippocampal pyramidal neurons restricts sociability in adult male mice. Cell reports, 43(7), 114429.

Lagani GD, et al. (2024) Beyond Glycolysis: Aldolase A is a Novel Effector in Reelin Mediated Dendritic Development. bioRxiv : the preprint server for biology.

Lee BC, et al. (2024) The 419th Aspartic Acid of Neural Membrane Protein Enolase 2 Is a Key Residue Involved in the Axonal Growth of Motor Neurons Mediated by Interaction between Enolase 2 Receptor and Extracellular Pgk1 Ligand. International journal of molecular sciences, 25(19).

Riemersma IW, et al. (2024) Suppression of Cofilin function in the somatosensory cortex alters social contact behavior in the BTBR mouse inbred line. Cerebral cortex (New York, N.Y. : 1991), 34(4).

Gupta R, et al. (2024) Atypical cellular responses mediated by intracellular constitutive active TrkB (NTRK2) kinase domains and a solely intracellular NTRK2-fusion oncogene. Cancer gene therapy, 31(9), 1357.

Fu CY, et al. (2023) Extracellular Pgk1 interacts neural membrane protein enolase-2 to improve the neurite outgrowth of motor neurons. Communications biology, 6(1), 849.

Shoji KF, et al. (2023) The mechanosensitive TRPV2 calcium channel promotes human melanoma invasiveness and metastatic potential. EMBO reports, 24(4), e55069.

Mao Y, et al. (2023) ZXDC enhances cervical cancer metastasis through IGF2BP3-mediated activation of RhoA/ROCK signaling. iScience, 26(8), 107447.

Glotfelty EJ, et al. (2023) The RhoA-ROCK1/ROCK2 Pathway Exacerbates Inflammatory Signaling in Immortalized and Primary Microglia. Cells, 12(10).

Quadri R, et al. (2023) A Haspin-ARHGAP11A axis regulates epithelial morphogenesis through Rho-ROCK dependent modulation of LIMK1-Cofilin. iScience, 26(10), 108011.

Raven F, et al. (2023) Cofilin overactivation improves hippocampus-dependent short-term memory. Frontiers in behavioral neuroscience, 17, 1243524.

Song JM, et al. (2023) Deneddylating enzyme SENP8 regulates neuronal development. Journal of neurochemistry, 165(3), 348.

Marroncini G, et al. (2022) The V2 receptor antagonist tolvaptan counteracts proliferation and invasivity in human cancer cells. Journal of endocrinological investigation, 45(9), 1693.

Wennagel D, et al. (2022) Huntingtin coordinates dendritic spine morphology and function through cofilin-mediated control of the actin cytoskeleton. Cell reports, 40(9), 111261.

Dufour CR, et al. (2022) Integrated multi-omics analysis of adverse cardiac remodeling and metabolic inflexibility upon ErbB2 and ERR? deficiency. Communications biology, 5(1), 955.

Baldelli E, et al. (2022) Analysis of neuroendocrine clones in NSCLCs using an immuno-guided laser-capture microdissection-based approach. Cell reports methods, 2(8), 100271.

Yamahashi Y, et al. (2022) Phosphoproteomic of the acetylcholine pathway enables discovery of the PKC-?-PIX-Rac1-PAK cascade as a stimulatory signal for aversive learning. Molecular psychiatry, 27(8), 3479.

Sánchez-de la Torre A, et al. (2022) Cannabinoid CB1 receptor gene inactivation in oligodendrocyte precursors disrupts oligodendrogenesis and myelination in mice. Cell death & disease, 13(7), 585.