Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 20, 2024

p44/42 MAPK (Erk1/2) Antibody

RRID:AB_330744
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9102 (also 9102L, 9102S), RRID:AB_330744)

Antibody Information

URL: http://antibodyregistry.org/AB_330744

Proper Citation: (Cell Signaling Technology Cat# 9102 (also 9102L, 9102S), RRID:AB_330744)

Target Antigen: p44/42 MAPK (Erk1/2)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IP
Consolidation on 9/2016: AB_823494, AB_10695746.
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: p44/42 MAPK (Erk1/2) Antibody

Description: This polyclonal targets p44/42 MAPK (Erk1/2)

Target Organism: human, mouse, rat, yeastfungi, zebrafishfish, bovine, hamster, mink, zebrafish, monkey, pig, s. cerevisiae

Antibody ID: AB_330744

Vendor: Cell Signaling Technology

Catalog Number: 9102 (also 9102L, 9102S)

Alternative Catalog Numbers: 9102S, 9102L

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 p44/42 MAPK (Erk1/2) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 551 mentions in open access literature.

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

Lao-Peregrin C, et al. (2024) Synaptic plasticity via receptor tyrosine kinase/G-protein-coupled receptor crosstalk. Cell reports, 43(1), 113595.

Roper N, et al. (2024) Functional Heterogeneity in MET Pathway Activation in PDX Models of Osimertinib-resistant EGFR-driven Lung Cancer. Cancer research communications, 4(2), 337.

Kalnytska O, et al. (2024) SORCS2 activity in pancreatic ?-cells safeguards insulin granule formation and release from glucose-stressed ?-cells. iScience, 27(1), 108725.

Bai Y, et al. (2024) Trans-omic analysis reveals opposite metabolic dysregulation between feeding and fasting in liver associated with obesity. iScience, 27(3), 109121.

Tong X, et al. (2024) Adeno-to-squamous transition drives resistance to KRAS inhibition in LKB1 mutant lung cancer. Cancer cell, 42(3), 413.

Ben S, et al. (2024) Microglia-endothelial cross-talk regulates diabetes-induced retinal vascular dysfunction through remodeling inflammatory microenvironment. iScience, 27(3), 109145.

Sreekumar A, et al. (2024) B3GALT6 promotes dormant breast cancer cell survival and recurrence by enabling heparan sulfate-mediated FGF signaling. Cancer cell, 42(1), 52.

Wang C, et al. (2024) SPOCK2 modulates neuropathic pain by interacting with MT1-MMP to regulate astrocytic MMP-2 activation in rats with chronic constriction injury. Journal of neuroinflammation, 21(1), 57.

Fu JY, et al. (2024) Lysine acetyltransferase 6A maintains CD4+ T cell response via epigenetic reprogramming of glucose metabolism in autoimmunity. Cell metabolism, 36(3), 557.

Yeh TY, et al. (2024) GM1 ganglioside protects against LPS-induced neuroinflammatory and oxidative responses by inhibiting the activation of Akt, TAK1 and NADPH oxidase in MG6 microglial cells. Glycobiology, 34(1).

Angelini G, et al. (2024) MEK-inhibitors decrease Nfix in muscular dystrophy but induce unexpected calcifications, partially rescued with Cyanidin diet. iScience, 27(1), 108696.

Benkafadar N, et al. (2024) An essential signaling cascade for avian auditory hair cell regeneration. Developmental cell, 59(2), 280.

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. Developmental cell, 59(2), 228.

Talreja J, et al. (2024) MIF modulates p38/ERK phosphorylation via MKP-1 induction in sarcoidosis. iScience, 27(1), 108746.

Chang C, et al. (2024) Ubiquitin ligase and signalling hub MYCBP2 is required for efficient EPHB2 tyrosine kinase receptor function. eLife, 12.

Bareja A, et al. (2024) Liver-derived plasminogen mediates muscle stem cell expansion during caloric restriction through the plasminogen receptor Plg-RKT. Cell reports, 43(3), 113881.

Li S, et al. (2024) Dietary protein restriction regulates skeletal muscle fiber metabolic characteristics associated with the FGF21-ERK1/2 pathway. iScience, 27(3), 109249.

Martellucci S, et al. (2024) Axon-derived PACSIN1 binds to the Schwann cell survival receptor, LRP1, and transactivates TrkC to promote gliatrophic activities. Glia, 72(5), 916.

Wang WW, et al. (2024) Structure-based design of non-hypertrophic apelin receptor modulator. Cell, 187(6), 1460.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. Cell reports, 43(3), 113929.