

Resource Summary Report

Generated by [RRID](#) on Jul 31, 2026

Phospho-Erk5 (Thr218/Tyr220) Antibody

RRID:AB_2140424

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3371, RRID:AB_2140424

Antibody Information

URL: http://antibodyregistry.org/AB_2140424

Proper Citation: Cell Signaling Technology Cat# 3371, RRID:AB_2140424

Target Antigen: Phospho-Erk5 (Thr218/Tyr220)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10078480, AB_10079105, AB_2140424, AB_2140426.

Antibody Name: Phospho-Erk5 (Thr218/Tyr220) Antibody

Description: This polyclonal targets Phospho-Erk5 (Thr218/Tyr220)

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

Antibody ID: AB_2140424

Vendor: Cell Signaling Technology

Catalog Number: 3371

Record Creation Time: 20250819T222749+0000

Record Last Update: 20250820T021633+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Erk5 (Thr218/Tyr220) Antibody.

No alerts have been found for Phospho-Erk5 (Thr218/Tyr220) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Qian Y, et al. (2025) Metformin hijacks AMPK-ERK1/2 signaling to trigger a pathogenic "selection trap" and thymic atrophy. *Cell reports*, 45(1), 116762.

Wang S, et al. (2024) GLP-1(7-36) protected against oxidative damage and neuronal apoptosis in the hippocampal CA region after traumatic brain injury by regulating ERK5/CREB. *Molecular biology reports*, 51(1), 313.

Ouyang Y, et al. (2023) FGFR3 Alterations in Bladder Cancer Stimulate Serine Synthesis to Induce Immune-Inert Macrophages That Suppress T-cell Recruitment and Activation. *Cancer research*, 83(24), 4030.

Seidita I, et al. (2023) Sphingosine 1-phosphate elicits a ROS-mediated proinflammatory response in human endometrial stromal cells via ERK5 activation. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(8), e23061.

Zheng J, et al. (2022) Satellite cell-specific deletion of Cipc alleviates myopathy in mdx mice. *Cell reports*, 39(11), 110939.

Allan KC, et al. (2021) Non-canonical Targets of HIF1a Impair Oligodendrocyte Progenitor Cell Function. *Cell stem cell*, 28(2), 257.

Sok P, et al. (2020) MAP Kinase-Mediated Activation of RSK1 and MK2 Substrate Kinases. *Structure (London, England : 1993)*, 28(10), 1101.

Jiang J, et al. (2020) Discovery of Covalent MKK4/7 Dual Inhibitor. *Cell chemical biology*, 27(12), 1553.

Bajikar SS, et al. (2017) Tumor-Suppressor Inactivation of GDF11 Occurs by Precursor Sequestration in Triple-Negative Breast Cancer. *Developmental cell*, 43(4), 418.