

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

ERK1/2 antibody

RRID:AB_10603369

Type: Antibody

Proper Citation

Proteintech Cat# 16443-1-AP, RRID:AB_10603369

Antibody Information

URL: http://antibodyregistry.org/AB_10603369

Proper Citation: Proteintech Cat# 16443-1-AP, RRID:AB_10603369

Target Antigen: ERK1/2

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IHC, IF, ELISA

Antibody Name: ERK1/2 antibody

Description: This polyclonal targets ERK1/2

Target Organism: rat, pig, mouse, astragalus membranaceus, chicks, human, a. sphaerocephala krasch, sheep

Antibody ID: AB_10603369

Vendor: Proteintech

Catalog Number: 16443-1-AP

Record Creation Time: 20250819T212157+0000

Record Last Update: 20250819T224342+0000

Ratings and Alerts

No rating or validation information has been found for ERK1/2 antibody.

No alerts have been found for ERK1/2 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Li A, et al. (2025) Lactylation of LSD1 is an acquired epigenetic vulnerability of BRAFi/MEKi-resistant melanoma. *Developmental cell*, 60(14), 1974.

Liu J, et al. (2025) REG3A promotes gemcitabine resistance in pancreatic cancer via the GPR54/ARRB2/ERK1/2 ligand-directed signaling pathway. *Biochemical pharmacology*, 242(Pt 2), 117322.

Inyang HO, et al. (2025) D-ribose-L-cysteine Attenuates manganese-induced Oxidative Stress, Neuromorphological Deficits, Bax/Bcl-2 Response and TNF- α /ERK Signalling in Rats. *Neurochemical research*, 50(4), 223.

Li H, et al. (2024) Intracellular magnetic hyperthermia reverses sorafenib resistance in hepatocellular carcinoma through its action on signaling pathways. *iScience*, 27(6), 110029.

Li T, et al. (2024) Serotonin Receptor HTR2B Facilitates Colorectal Cancer Metastasis via CREB1-ZEB1 Axis-Mediated Epithelial-Mesenchymal Transition. *Molecular cancer research : MCR*, 22(6), 538.

Wang Y, et al. (2024) CXCL3/TGF- β -mediated crosstalk between CAFs and tumor cells augments RCC progression and sunitinib resistance. *iScience*, 27(7), 110224.

Kuang H, et al. (2023) A homozygous variant in INTS11 links mitosis and neurogenesis defects to a severe neurodevelopmental disorder. *Cell reports*, 42(12), 113445.

Zuo T, et al. (2023) Macrophage-Derived Cathepsin S Remodels the Extracellular Matrix to Promote Liver Fibrogenesis. *Gastroenterology*, 165(3), 746.

Cao C, et al. (2022) GCN5 participates in KLF4-VEGFA feedback to promote endometrial angiogenesis. *iScience*, 25(7), 104509.

Luo F, et al. (2022) Inhibition of CSPG receptor PTP α promotes migration of newly born neuroblasts, axonal sprouting, and recovery from stroke. *Cell reports*, 40(4), 111137.

Shopit A, et al. (2021) Enhancement of gemcitabine efficacy by K73-03 via epigenetically regulation of miR-421/SPINK1 in gemcitabine resistant pancreatic cancer cells. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 91, 153711.

Li H, et al. (2021) Halofuginone Sensitizes Lung Cancer Organoids to Cisplatin via Suppressing PI3K/AKT and MAPK Signaling Pathways. *Frontiers in cell and developmental biology*, 9, 773048.

Hou TY, et al. (2020) Correcting abnormalities in miR-124/PTPN1 signaling rescues tau pathology in Alzheimer's disease. *Journal of neurochemistry*, 154(4), 441.

Xu W, et al. (2019) CD146 Regulates Growth Factor-Induced mTORC2 Activity Independent of the PI3K and mTORC1 Pathways. *Cell reports*, 29(5), 1311.