

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

ERK 1 (C-16)

RRID:AB_631453

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-93, RRID:AB_631453

Antibody Information

URL: http://antibodyregistry.org/AB_631453

Proper Citation: Santa Cruz Biotechnology Cat# sc-93, RRID:AB_631453

Target Antigen: ERK 1 (C-16)

Host Organism: human

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: IgY ELISA; Immunohistochemistry; Immunoprecipitation; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Western Blot; WB, IP, IF, IHC(P), FCM, ELISA

Antibody Name: ERK 1 (C-16)

Description: This polyclonal targets ERK 1 (C-16)

Target Organism: chicken, rat, mouse, frog, human

Antibody ID: AB_631453

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-93

Record Creation Time: 20231110T080345+0000

Record Last Update: 20260829T004236+0000

Ratings and Alerts

No rating or validation information has been found for ERK 1 (C-16).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: IgY ELISA; Immunohistochemistry; Immunoprecipitation; Flow Cytometry; Immunocytochemistry; Immunofluorescence; Western Blot; WB, IP, IF, IHC(P), FCM, ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Izawa K, et al. (2026) IgE-dependent anaphylaxis is regulated by sphingolipid binding to activating and inhibitory CD300 family members. Cell reports, 45(3), 117054.

Fu Z, et al. (2026) Integrative proteogenomic analysis provides molecular insights and clinical significance in gallbladder cancer. Cancer cell.

Santoni M, et al. (2024) Unraveling the interplay between PKA inhibition and Cdk1 activation during oocyte meiotic maturation. Cell reports, 43(2), 113782.

Matsukuma H, et al. (2023) Prominin-1 deletion results in spermatogenic impairment, sperm morphological defects, and infertility in mice. Reproductive medicine and biology, 22(1), e12514.

Shaik GM, et al. (2022) Pentacyclic triterpenoid ursolic acid interferes with mast cell activation via a lipid-centric mechanism affecting Fc γ RI signalosome functions. The Journal of biological chemistry, 298(11), 102497.

Fang K, et al. (2021) Disruption of Circadian Rhythms by Ambient Light during Neurodevelopment Leads to Autistic-like Molecular and Behavioral Alterations in Adult Mice. Cells, 10(12).

Lear TB, et al. (2019) KIAA0317 regulates pulmonary inflammation through SOCS2 degradation. JCI insight, 4(19).

Hamel-Côté G, et al. (2019) Regulation of platelet-activating factor-mediated interleukin-6 promoter activation by the 48 kDa but not the 45 kDa isoform of protein tyrosine phosphatase non-receptor type 2. Cell & bioscience, 9, 51.

Latronico T, et al. (2018) In vitro effect of antiretroviral drugs on cultured primary astrocytes: analysis of neurotoxicity and matrix metalloproteinase inhibition. Journal of neurochemistry, 144(3), 271.

Sabbir MG, et al. (2018) Muscarinic receptor antagonists activate ERK-CREB signaling to augment neurite outgrowth of adult sensory neurons. *Neuropharmacology*, 143, 268.

Truax AD, et al. (2018) The Inhibitory Innate Immune Sensor NLRP12 Maintains a Threshold against Obesity by Regulating Gut Microbiota Homeostasis. *Cell host & microbe*, 24(3), 364.

Courtney AH, et al. (2017) A Phosphosite within the SH2 Domain of Lck Regulates Its Activation by CD45. *Molecular cell*, 67(3), 498.