

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).

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.

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

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.