Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

c-Fos Antibody (4)

RRID:AB_2106783
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-52, RRID:AB_2106783)

Antibody Information

URL: http://antibodyregistry.org/AB_2106783

Proper Citation: (Santa Cruz Biotechnology Cat# sc-52, RRID:AB_2106783)

Target Antigen: FOS

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; Note: there has been some confusion with this antibody catalog number. The material data sheet includes both the Rabbit and the Goat version: Rabbit is sc-52, goat is sc-52-G. Please use this entry only for the rabbit antibody.validation status unknown check with seller.Applications: ELISA, Flow Cytometry, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot, Immunohistochemistry(P)Info: This antibody replaces AB_2106782Consolidation on 9/2016: AB_10160513, AB_631248, AB_2314044.

Antibody Name: c-Fos Antibody (4)

Description: This polyclonal targets FOS

Target Organism: rat, mouse, human

Clone ID: 4

Defining Citation: PMID:20187147, PMID:23548599

Antibody ID: AB_2106783

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-52

Record Creation Time: 20231110T043750+0000

Record Last Update: 20241115T110800+0000

Ratings and Alerts

No rating or validation information has been found for c-Fos Antibody (4).

Warning: Discontinued: 2016
Discontinued: 2016; Note: there has been some confusion with this antibody catalog number. The material data sheet includes both the Rabbit and the Goat version: Rabbit is sc-52, goat is sc-52-G. Please use this entry only for the rabbit antibody.validation status unknown check with seller.Applications: ELISA, Flow Cytometry, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot, Immunohistochemistry(P)Info: This antibody replaces AB_2106782Consolidation on 9/2016: AB_10160513, AB_631248, AB_2314044.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 195 mentions in open access literature.

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

Drake AW, et al. (2024) Somatostatin interneuron fate-mapping and structure in a Pten knockout model of epilepsy. Frontiers in cellular neuroscience, 18, 1474613.

Kim T, et al. (2024) Activated somatostatin interneurons orchestrate memory microcircuits. Neuron, 112(2), 201.

Li H, et al. (2024) Silencing dentate newborn neurons alters excitatory/inhibitory balance and impairs behavioral inhibition and flexibility. Science advances, 10(2), eadk4741.

Harari R, et al. (2024) Psilocybin induces acute anxiety and changes in amygdalar phosphopeptides independently from the 5-HT2A receptor. iScience, 27(5), 109686.

Leung BK, et al. (2024) A ventral pallidal-thalamocortical circuit mediates the cognitive control of instrumental action. Current biology : CB, 34(15), 3315.

Yokose J, et al. (2024) Visuotactile integration facilitates mirror-induced self-directed behavior through activation of hippocampal neuronal ensembles in mice. Neuron, 112(2), 306.

Lenoir M, et al. (2024) A large-scale c-Fos brain mapping study on extinction of cocaine-primed reinstatement. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 49(9), 1459.

Sawyer IL, et al. (2024) Chemogenetic Activation of RFRP Neurons Reduces LH Pulse Frequency in Female but not Male Mice. Journal of the Endocrine Society, 8(11), bvae159.

Kaufhold D, et al. (2024) Spine plasticity of dentate gyrus parvalbumin-positive interneurons is regulated by experience. Cell reports, 43(3), 113806.

Qin Y, et al. (2024) Long non-coding RNA Malat1 fine-tunes bone homeostasis and repair by orchestrating cellular crosstalk and ?-catenin-OPG/Jagged1 pathway. eLife, 13.

Jung JH, et al. (2023) Examining the engram encoding specificity hypothesis in mice. Neuron, 111(11), 1830.

Pan L, et al. (2023) Orexin-A attenuated motion sickness through modulating neural activity in hypothalamus nuclei. British journal of pharmacology.

Rybka KA, et al. (2023) Sex differences in androgen receptor, estrogen receptor alpha, and c-Fos co-expression with corticotropin releasing factor expressing neurons in restrained adult mice. Hormones and behavior, 156, 105448.

Sancho-Balsells A, et al. (2023) Cognitive and Emotional Symptoms Induced by Chronic Stress Are Regulated by EGR1 in a Subpopulation of Hippocampal Pyramidal Neurons. International journal of molecular sciences, 24(4).

Diaz JC, et al. (2023) Delayed estrogen actions diminish food consumption without changing food approach, motor activity, or hypothalamic activation elicited by corticostriatal μ-opioid signaling. Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology, 48(13), 1952.

Custodio RJP, et al. (2023) Serotonin 2C receptors are also important in head-twitch responses in male mice. Psychopharmacology.

Sequeira MK, et al. (2023) Cocaine and habit training cause dendritic spine rearrangement in the prelimbic cortex. iScience, 26(4), 106240.

Luong K, et al. (2023) Brain regions controlling courtship behavior in the bluehead wrasse. Current biology : CB, 33(22), 4937.

Clarkson J, et al. (2023) CRISPR-Cas9 knockdown of ESR1 in preoptic GABA-kisspeptin neurons suppresses the preovulatory surge and estrous cycles in female mice. eLife, 12.

Aitken CM, et al. (2023) Feeding signals inhibit fluid-satiation signals in the mouse lateral

parabrachial nucleus to increase intake of highly palatable, caloric solutions. Journal of neurochemistry, 167(5), 648.