

Resource Summary Report

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

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_2106782 Consolidation 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: 20260830T000246+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 184 mentions in open access literature.

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

Jin M, et al. (2026) Chimeric brain models to study human glial-neuronal and macroglial-microglial interactions. Cell reports, 45(1), 116794.

Kumar S, et al. (2026) A distinct vagus-beta cell neural circuit senses glucose and modulates insulin secretion. Molecular metabolism, 108, 102371.

Borges GF, et al. (2026) Rac1 Constrains Memory Consolidation. eNeuro, 13(4).

Matoba K, et al. (2026) Circulating extracellular vesicle microRNAs mediate immune modulation of social behavior in male mice. Nature communications, 17(1).

Prokofeva K, et al. (2026) Neural correlates of adversity-overcoming pup rescue behavior in female mice. Scientific reports, 16(1).

Lafrican JJ, et al. (2026) Sex differences in corticotropin-releasing factor receptor-2? expressing neurons in acutely stressed mice. Hormones and behavior, 180, 105904.

Kuno H, et al. (2026) Intralaminar thalamus relays basal ganglia output to the insular cortex to drive tic generation. Cell reports, 45(5), 117272.

Vuong C, et al. (2026) The hindbrain-hypothalamic noradrenergic pathway controls homeostatic food intake but not cue-induced appetitive behaviors. Journal of neuroendocrinology, 38(7), e70229.

Köhler I, et al. (2025) Chemogenetic activation of Gq signaling modulates dendritic development of cortical neurons in a time- and layer-specific manner. *Frontiers in cellular neuroscience*, 19, 1524470.

Zelmanoff DD, et al. (2025) Oxytocin signaling regulates maternally directed behavior during early life. *Science (New York, N.Y.)*, 389(6765), eado5609.

Ducourneau EG, et al. (2025) Obesogenic diet impairs memory consolidation via the hippocampal endocannabinoid system. *Current biology : CB*, 35(23), 5820.

Matoba K, et al. (2025) Circulating extracellular vesicle microRNAs mediate immune modulation of social behavior in mice. *bioRxiv : the preprint server for biology*.

Saito Y, et al. (2025) Amygdalo-cortical dialogue underlies memory enhancement by emotional association. *Neuron*, 113(6), 931.

Yeo SH, et al. (2025) Shifting GnRH Neuron Ensembles Underlie Successive Preovulatory Luteinizing Hormone Surges. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(3).

Yao M, et al. (2025) The spinal premotor network driving scratching flexor and extensor alternation. *Cell reports*, 44(6), 115845.

Jin S, et al. (2025) Endoplasmic reticulum Nogo drives AgRP neuronal activation and feeding behavior. *Cell metabolism*, 37(6), 1400.

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

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

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.