

# Resource Summary Report

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## c-Fos (K-25)

RRID:AB\_2231996

Type: Antibody

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### Proper Citation

(Santa Cruz Biotechnology Cat# sc-253, RRID:AB\_2231996)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2231996](http://antibodyregistry.org/AB_2231996)

**Proper Citation:** (Santa Cruz Biotechnology Cat# sc-253, RRID:AB\_2231996)

**Target Antigen:** c-Fos (K-25)

**Host Organism:** rabbit

**Clonality:** polyclonal

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

**Antibody Name:** c-Fos (K-25)

**Description:** This polyclonal targets c-Fos (K-25)

**Target Organism:** rat, mouse, zebrafishfish, zebrafish, human

**Antibody ID:** AB\_2231996

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-253

**Record Creation Time:** 20241016T234607+0000

**Record Last Update:** 20241017T011243+0000

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## Ratings and Alerts

No rating or validation information has been found for c-Fos (K-25).

**Warning:** Discontinued: 2016

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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Suto T, et al. (2023) Rat model of attention-deficit hyperactivity disorder exhibits delayed recovery from acute incisional pain due to impaired descending noradrenergic inhibition. Scientific reports, 13(1), 5526.

Fonseca CS, et al. (2022) Norepinephrine modulation of heat dissipation in female rats lacking estrogen. Journal of neuroendocrinology, 34(10), e13188.

Libbrecht S, et al. (2021) Chronic chemogenetic stimulation of the anterior olfactory nucleus reduces newborn neuron survival in the adult mouse olfactory bulb. Journal of neurochemistry, 158(5), 1186.

Mitra S, et al. (2021) Cocaine- and amphetamine-regulated transcript peptide- and dopamine-containing systems interact in the ventral tegmental area of the zebra finch, *Taeniopygia guttata*, during dynamic changes in energy status. Brain structure & function, 226(8), 2537.

Mamgain A, et al. (2021) RFamide-Related Peptide Neurons Modulate Reproductive Function and Stress Responses. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(3), 474.

Terai H, et al. (2021) Electrophysiological and pharmacological characterization of spreading depolarization in the adult zebrafish tectum. Journal of neurophysiology, 126(6), 1934.

Fazekas EA, et al. (2020) Neuronal activation in zebra finch parents associated with reintroduction of nestlings. The Journal of comparative neurology, 528(3), 363.

Nimpf S, et al. (2019) A Putative Mechanism for Magnetoreception by Electromagnetic Induction in the Pigeon Inner Ear. Current biology : CB, 29(23), 4052.

Mayer D, et al. (2018) Role of the mesolimbic dopamine system in relief learning. *Neuropsychopharmacology* : official publication of the American College of Neuropsychopharmacology, 43(8), 1651.

Maruyama M, et al. (2018) Bombesin receptor subtype-3-expressing neurons regulate energy homeostasis through a novel neuronal pathway in the hypothalamus. *Brain and behavior*, 8(1), e00881.

Senthilkumaran M, et al. (2018) Insulin-responsive autonomic neurons in rat medulla oblongata. *The Journal of comparative neurology*, 526(16), 2665.

Kelly AM, et al. (2018) Rapid nonapeptide synthesis during a critical period of development in the prairie vole: plasticity of the paraventricular nucleus of the hypothalamus. *Brain structure & function*, 223(6), 2547.

Khoo SY, et al. (2018) Palatable food self-administration and reinstatement are not affected by dual orexin receptor antagonism. *Progress in neuro-psychopharmacology & biological psychiatry*, 87(Pt A), 147.

Chowdhury A, et al. (2018) Time units for learning involving maintenance of system-wide cFos expression in neuronal assemblies. *Nature communications*, 9(1), 4122.

Fuhrmann F, et al. (2016) Adequate immune response ensured by binary IL-2 and graded CD25 expression in a murine transfer model. *eLife*, 5.

Singh O, et al. (2016) Cocaine- and amphetamine-regulated transcript peptide (CART) in the brain of zebra finch, *Taeniopygia guttata*: Organization, interaction with neuropeptide Y, and response to changes in energy status. *The Journal of comparative neurology*, 524(15), 3014.

Muta K, et al. (2016) mTORC1 Signaling Contributes to Drinking But Not Blood Pressure Responses to Brain Angiotensin II. *Endocrinology*, 157(8), 3140.

Spirovski D, et al. (2012) Brainstem galanin-synthesizing neurons are differentially activated by chemoreceptor stimuli and represent a subpopulation of respiratory neurons. *The Journal of comparative neurology*, 520(1), 154.

Bernard JF, et al. (2008) Critical role of B3 serotonergic cells in baroreflex inhibition during the defense reaction triggered by dorsal periaqueductal gray stimulation. *The Journal of comparative neurology*, 506(1), 108.