

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

FOSB-human

RRID:AB_631515

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-48, RRID:AB_631515

Antibody Information

URL: http://antibodyregistry.org/AB_631515

Proper Citation: Santa Cruz Biotechnology Cat# sc-48, RRID:AB_631515

Target Antigen: FOSB

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot H2412 for not specified; status is not pursued

Antibody Name: FOSB-human

Description: This polyclonal targets FOSB

Target Organism: Homo sapiens

Clone ID: 102

Defining Citation: [PMID:19399877](#), [PMID:19235223](#)

Antibody ID: AB_631515

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-48

Record Creation Time: 20231110T043749+0000

Record Last Update: 20260831T235824+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: H2412 is available under ENCODE ID: ENCAB000BBR - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000BBR>

Warning: Discontinued: 2016

Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot H2412 for not specified; status is not pursued

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Gaszner T, et al. (2022) Epigenetic and Neuronal Activity Markers Suggest the Recruitment of the Prefrontal Cortex and Hippocampus in the Three-Hit Model of Depression in Male PACAP Heterozygous Mice. International journal of molecular sciences, 23(19).

Gaszner T, et al. (2022) Fluoxetine treatment supports predictive validity of the three hit model of depression in male PACAP heterozygous mice and underpins the impact of early life adversity on therapeutic efficacy. Frontiers in endocrinology, 13, 995900.

Bordone MP, et al. (2021) Fyn knockdown prevents levodopa-induced dyskinesia in a mouse model of Parkinson's disease. eNeuro, 8(4).

Dempsey E, et al. (2019) Persistent central inflammation and region specific cellular activation accompany depression- and anxiety-like behaviours during the resolution phase of experimental colitis. Brain, behavior, and immunity, 80, 616.

Boorman DC, et al. (2019) Peripheral nerve injury attenuates stress-induced Fos-family expression in the Locus Coeruleus of male Sprague-Dawley rats. Brain research, 1719, 253.

Mansouri-Guilani N, et al. (2019) VGLUT3 gates psychomotor effects induced by amphetamine. Journal of neurochemistry, 148(6), 779.

Turcotte-Cardin V, et al. (2019) Loss of Adult 5-HT1A Autoreceptors Results in a Paradoxical Anxiogenic Response to Antidepressant Treatment. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(8), 1334.

Aleyasin H, et al. (2018) Cell-Type-Specific Role of FosB in Nucleus Accumbens In Modulating Intermale Aggression. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(26), 5913.

Sanz-Blasco S, et al. (2018) The Kinase Fyn As a Novel Intermediate in L-DOPA-Induced Dyskinesia in Parkinson's Disease. *Molecular neurobiology*, 55(6), 5125.

Drexel M, et al. (2017) Selective Silencing of Hippocampal Parvalbumin Interneurons Induces Development of Recurrent Spontaneous Limbic Seizures in Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(34), 8166.

Azogu I, et al. (2017) Inhibition of TrkB at the nucleus accumbens, using ANA-12, regulates basal and stress-induced orexin A expression within the mesolimbic system and affects anxiety, sociability and motivation. *Neuropharmacology*, 125, 129.

Vahid-Ansari F, et al. (2017) Abrogated Freud-1/Cc2d1a Repression of 5-HT1A Autoreceptors Induces Fluoxetine-Resistant Anxiety/Depression-Like Behavior. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(49), 11967.

Beloate LN, et al. (2016) Ventral Tegmental Area Dopamine Cell Activation during Male Rat Sexual Behavior Regulates Neuroplasticity and d-Amphetamine Cross-Sensitization following Sex Abstinence. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(38), 9949.