

# Resource Summary Report

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## Egr-1 (C-19)

RRID:AB\_2231020

Type: Antibody

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### Proper Citation

(Santa Cruz Biotechnology Cat# sc-189, RRID:AB\_2231020)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2231020](http://antibodyregistry.org/AB_2231020)

**Proper Citation:** (Santa Cruz Biotechnology Cat# sc-189, RRID:AB\_2231020)

**Target Antigen:** EGR1

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

**Antibody Name:** Egr-1 (C-19)

**Description:** This polyclonal targets EGR1

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

**Clone ID:** C-19

**Defining Citation:** [PMID:20058221](#), [PMID:19637285](#), [PMID:18770869](#)

**Antibody ID:** AB\_2231020

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-189

**Record Creation Time:** 20241016T223849+0000

**Record Last Update:** 20241016T231615+0000

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## Ratings and Alerts

No rating or validation information has been found for Egr-1 (C-19).

**Warning:** Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Throesch BT, et al. (2024) Functional sensory circuits built from neurons of two species. *Cell*, 187(9), 2143.

Brodbeck MIR, et al. (2023) Neuronal activation in the geomagnetic responsive region Cluster N covaries with nocturnal migratory restlessness in white-throated sparrows (*Zonotrichia albicollis*). *The European journal of neuroscience*.

Spool JA, et al. (2023) Top-down, auditory pallial regulation of the social behavior network. *bioRxiv : the preprint server for biology*.

Heyers D, et al. (2022) Morphology, biochemistry and connectivity of Cluster N and the hippocampal formation in a migratory bird. *Brain structure & function*, 227(8), 2731.

Haase K, et al. (2022) In Search for the Avian Trigeminal Magnetic Sensor: Distribution of Peripheral and Central Terminals of Ophthalmic Sensory Neurons in the Night-Migratory Eurasian Blackcap (*Sylvia atricapilla*). *Frontiers in neuroanatomy*, 16, 853401.

Greco-Vuilloud J, et al. (2022) 12 months is a pivotal age for olfactory perceptual learning and its underlying neuronal plasticity in aging mice. *Neurobiology of aging*, 114, 73.

Higginbotham JA, et al. (2021) CB1 Receptor Signaling Modulates Amygdalar Plasticity during Context-Cocaine Memory Reconsolidation to Promote Subsequent Cocaine Seeking. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(4), 613.

Barnett SC, et al. (2021) Anterior thalamic nuclei neurons sustain memory. *Current research in neurobiology*, 2, 100022.

Midroit M, et al. (2021) Neural processing of the reward value of pleasant odorants. *Current biology : CB*, 31(8), 1592.

Mishra I, et al. (2020) Changes in brain peptides associated with reproduction and energy homeostasis: Putative roles of gonadotrophin-releasing hormone-II and tyrosine hydroxylase in determining reproductive performance in response to daily food availability times in diurnal zebra finches. *Journal of neuroendocrinology*, 32(2), e12825.

Radiske A, et al. (2020) Cross-Frequency Phase-Amplitude Coupling between Hippocampal Theta and Gamma Oscillations during Recall Destabilizes Memory and Renders It Susceptible to Reconsolidation Disruption. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(33), 6398.

Charles James J, et al. (2020) Repetitive transcranial magnetic stimulation reverses reduced excitability of rat visual cortex induced by dark rearing during early critical period. *Developmental neurobiology*, 80(11-12), 399.

Peak J, et al. (2020) Striatal direct and indirect pathway neurons differentially control the encoding and updating of goal-directed learning. *eLife*, 9.

Galea LAM, et al. (2018) Premarin has opposing effects on spatial learning, neural activation, and serum cytokine levels in middle-aged female rats depending on reproductive history. *Neurobiology of aging*, 70, 291.

Van Ruijssevelt L, et al. (2018) fMRI Reveals a Novel Region for Evaluating Acoustic Information for Mate Choice in a Female Songbird. *Current biology : CB*, 28(5), 711.

Briones BA, et al. (2018) Response learning stimulates dendritic spine growth on dorsal striatal medium spiny neurons. *Neurobiology of learning and memory*, 155, 50.

Xiao MF, et al. (2017) NPTX2 and cognitive dysfunction in Alzheimer's Disease. *eLife*, 6.

Kubikova L, et al. (2010) Dopamine receptors in a songbird brain. *The Journal of comparative neurology*, 518(6), 741.

Gobes SM, et al. (2009) Differential responsiveness in brain and behavior to sexually dimorphic long calls in male and female zebra finches. *The Journal of comparative neurology*, 516(4), 312.

Maney DL, et al. (2008) Estradiol modulates neural responses to song in a seasonal songbird. *The Journal of comparative neurology*, 511(2), 173.