

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Anti-Oxytocin, clone 4G11

RRID:AB_11212999

Type: Antibody

Proper Citation

Millipore Cat# MAB5296, RRID:AB_11212999

Antibody Information

URL: http://antibodyregistry.org/AB_11212999

Proper Citation: Millipore Cat# MAB5296, RRID:AB_11212999

Target Antigen: Oxt

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: ELISA, immunohistochemistry

Antibody Name: Anti-Oxytocin, clone 4G11

Description: This monoclonal targets Oxt

Target Organism: rat, human

Defining Citation: [PMID:21953590](#), [PMID:21674499](#)

Antibody ID: AB_11212999

Vendor: Millipore

Catalog Number: MAB5296

Record Creation Time: 20250820T000310+0000

Record Last Update: 20250820T071411+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Oxytocin, clone 4G11.

No alerts have been found for Anti-Oxytocin, clone 4G11.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Francesconi W, et al. (2025) Vasopressin and oxytocin excite BNST neurons via oxytocin receptors, which reduce anxious arousal. *Cell reports*, 44(6), 115768.

Chang HT, et al. (2025) Oxytocin signaling in the ventral tegmental area mediates social isolation-induced craving for social interaction. *Journal of biomedical science*, 32(1), 37.

Zhan S, et al. (2024) Oxytocin neurons mediate stress-induced social memory impairment. *Current biology : CB*, 34(1), 36.

Gama de Barcellos Filho P, et al. (2024) Oxytocin and corticotropin-releasing hormone exaggerate nucleus tractus solitarius neuronal and synaptic activity following chronic intermittent hypoxia. *The Journal of physiology*, 602(14), 3375.

Javed S, et al. (2023) Smith-Magenis syndrome protein RAI1 regulates body weight homeostasis through hypothalamic BDNF-producing neurons and neurotrophin downstream signalling. *eLife*, 12.

Kelly AM, et al. (2021) Distribution of Vasopressin and Oxytocin Neurons in the Basal Forebrain and Midbrain of Spiny Mice (*Acomys cahirinus*). *Neuroscience*, 468, 16.

Singh O, et al. (2020) Concurrent changes in photoperiod-induced seasonal phenotypes and hypothalamic CART peptide-containing systems in night-migratory redheaded buntings. *Brain structure & function*, 225(9), 2775.

Melnick I, et al. (2020) Integration of energy homeostasis and stress by parvocellular neurons in rat hypothalamic paraventricular nucleus. *The Journal of physiology*, 598(5), 1073.

Fischer EK, et al. (2019) Mechanisms of Convergent Egg Provisioning in Poison Frogs. *Current biology : CB*, 29(23), 4145.