

Resource Summary Report

Generated by NIF on Jul 31, 2026

Oxytocin - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig

RRID:AB_518526

Type: Antibody

Proper Citation

Peninsula Laboratories Cat# T-5021.0050, RRID:AB_518526

Antibody Information

URL: http://antibodyregistry.org/AB_518526

Proper Citation: Peninsula Laboratories Cat# T-5021.0050, RRID:AB_518526

Target Antigen: Oxytocin - Undiluted Antiserum for Immunohistochemistry Host: Guinea Pig

Host Organism: guinea pig

Clonality: unknown

Comments: Discontinued: 2014; manufacturer recommendations: Immunohistochemistry; Immunohistochemistry

Antibody Name: Oxytocin - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig

Description: This unknown targets Oxytocin - Undiluted Antiserum for Immunohistochemistry Host: Guinea Pig

Antibody ID: AB_518526

Vendor: Peninsula Laboratories

Catalog Number: T-5021.0050

Record Creation Time: 20250820T034712+0000

Record Last Update: 20250820T171113+0000

Ratings and Alerts

No rating or validation information has been found for Oxytocin - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig.

Warning: Discontinued: 2014

Discontinued: 2014; manufacturer recommendations: Immunohistochemistry; Immunohistochemistry

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Rajamannar P, et al. (2025) Neuropeptide oxytocin facilitates its own brain-to-periphery uptake. Cell reports, 44(4), 115491.

Askvig JM, et al. (2023) Axotomy results in an increase in Thy-1 protein in the 35-day-old rat supraoptic nucleus. Experimental brain research, 241(3), 851.

Watanabe J, et al. (2021) Conditional ablation of vasopressin-synthesizing neurons in transgenic rats. Journal of neuroendocrinology, 33(12), e13057.

Matsumoto M, et al. (2021) Indispensable role of the oxytocin receptor for allogrooming toward socially distressed cage mates in female mice. Journal of neuroendocrinology, 33(6), e12980.

Anpilov S, et al. (2020) Wireless Optogenetic Stimulation of Oxytocin Neurons in a Semi-natural Setup Dynamically Elevates Both Pro-social and Agonistic Behaviors. Neuron, 107(4), 644.

Diniz GB, et al. (2020) Ciliary melanin-concentrating hormone receptor 1 (MCHR1) is widely distributed in the murine CNS in a sex-independent manner. Journal of neuroscience research, 98(10), 2045.

Anbalagan S, et al. (2019) Robo2 regulates synaptic oxytocin content by affecting actin dynamics. eLife, 8.

Askvig JM, et al. (2019) Absence of axonal sprouting following unilateral lesion in 125-day-old rat supraoptic nucleus may be due to age-dependent decrease in protein levels of ciliary neurotrophic factor receptor alpha. The Journal of comparative neurology, 527(14), 2291.

Nasanbuyan N, et al. (2018) Oxytocin-Oxytocin Receptor Systems Facilitate Social Defeat Posture in Male Mice. Endocrinology, 159(2), 763.

Shenton FC, et al. (2018) Transient receptor potential vanilloid type 4 is expressed in vasopressinergic neurons within the magnocellular subdivision of the rat paraventricular

nucleus of the hypothalamus. The Journal of comparative neurology, 526(18), 3035.