

# Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

## (Arg8)-Vasopressin - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig

RRID:AB\_518680

Type: Antibody

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### Proper Citation

Peninsula Laboratories Cat# T-5048.0050, RRID:AB\_518680

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_518680](http://antibodyregistry.org/AB_518680)

**Proper Citation:** Peninsula Laboratories Cat# T-5048.0050, RRID:AB\_518680

**Target Antigen:** (Arg8)-Vasopressin - Undiluted Antiserum for Immunohistochemistry  
Host: Guinea Pig

**Host Organism:** guinea pig

**Clonality:** unknown

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

**Antibody Name:** (Arg8)-Vasopressin - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig

**Description:** This unknown targets (Arg8)-Vasopressin - Undiluted Antiserum for Immunohistochemistry Host: Guinea Pig

**Defining Citation:** [PMID:20151358](#), [PMID:20034060](#), [PMID:23239101](#), [PMID:20187147](#)

**Antibody ID:** AB\_518680

**Vendor:** Peninsula Laboratories

**Catalog Number:** T-5048.0050

**Record Creation Time:** 20250820T054851+0000

**Record Last Update:** 20250820T223130+0000

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### Ratings and Alerts

No rating or validation information has been found for (Arg8)-Vasopressin - Undiluted Antiserum for Immunohistochemistry, Host: Guinea Pig.

**Warning:** Discontinued: 2014

Discontinued: 2014; manufacturer recommendations: Immunohistochemistry; Immunohistochemistry

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Nasanbuyan N, et al. (2026) Mapping of oxytocin- and arginine vasopressin-expressing neurons with calbindin 1 or reelin in the male mouse brain. *Journal of neuroendocrinology*, 38(7), e70228.

Lin W, et al. (2026) A hypothalamic VMPO-supraoptic vasopressin circuit mediates prolactin-induced fluid imbalance. *Cell reports*, 45(6), 117516.

Fricker BA, et al. (2023) Partner separation rescues pair bond-induced decreases in hypothalamic oxytocin neural densities. *Scientific reports*, 13(1), 4835.

Morishita M, et al. (2023) Sex and interspecies differences in ESR2-expressing cell distributions in mouse and rat brains. *Biology of sex differences*, 14(1), 89.

Gruber T, et al. (2023) High-calorie diets uncouple hypothalamic oxytocin neurons from a gut-to-brain satiation pathway via  $\mu$ -opioid signaling. *Cell reports*, 42(10), 113305.

Jagot F, et al. (2023) The parabrachial nucleus elicits a vigorous corticosterone feedback response to the pro-inflammatory cytokine IL-1 $\beta$ . *Neuron*, 111(15), 2367.

Kelly AM, et al. (2022) Protocol for multiplex fluorescent immunohistochemistry in free-floating rodent brain tissues. *STAR protocols*, 3(4), 101672.

Jamieson BB, et al. (2021) Estrous Cycle Plasticity in the Central Clock Output to Kisspeptin Neurons: Implications for the Preovulatory Surge. *Endocrinology*, 162(6).

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.

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.

Mitsumoto K, et al. (2019) Improved methods for the differentiation of hypothalamic vasopressin neurons using mouse induced pluripotent stem cells. *Stem cell research*, 40, 101572.

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.

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.

Varadarajan S, et al. (2018) Connectome of the Suprachiasmatic Nucleus: New Evidence of the Core-Shell Relationship. *eNeuro*, 5(5).