

Resource Summary Report

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CGRP (Calcitonin Gene Related Peptide) Antibody

RRID:AB_572217

Type: Antibody

Proper Citation

ImmunoStar Cat# 24112, RRID:AB_572217

Antibody Information

URL: http://antibodyregistry.org/AB_572217

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Target Antigen: rat alpha-CGRP

Host Organism: rabbit

Clonality: polyclonal

Comments: Manufacturer Applications: Immunohistochemistry, Immunocytochemistry, Immunofluorescence; Note, The CGRP Antibody was raised to rat alpha-CGRP coupled to bovine thyroglobulin with glutaraldehyde. The antibody has a proven fluorescein staining at a 1/100-1/200 dilution and a strong Biotin-Streptavidin/HRP staining at a 1/2000-1/4000 dilution in rat amygdala, and spinal cord. The specificity of the antiserum was evaluated by soluble pre-adsorption with the peptides in question at a final concentration of 10-5M. CGRP immunolabeling was completely abolished by pre-adsorption with rat ? - CGRP and partially eliminated by pre-adsorption with rat

Antibody Name: CGRP (Calcitonin Gene Related Peptide) Antibody

Description: This polyclonal targets rat alpha-CGRP

Target Organism: platypus, rat, hamster, mudpuppy, bullfrog, pig, mouse, cat, dog, human

Defining Citation: [PMID:1587996](#), [PMID:1479068](#), [PMID:3711894](#), [PMID:1981998](#), [PMID:1385495](#), [PMID:24732837](#), [PMID:2794128](#), [PMID:1699158](#), [PMID:1384974](#), [PMID:25326085](#)

Antibody ID: AB_572217

Vendor: ImmunoStar

Catalog Number: 24112

Record Creation Time: 20250820T033741+0000

Record Last Update: 20250820T164518+0000

Ratings and Alerts

- Validation information is available. - Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU)
<https://cairibu.urology.wisc.edu/>

No alerts have been found for CGRP (Calcitonin Gene Related Peptide) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Shiers S, et al. (2026) Nav1.7 mRNA and Protein Expression in Resident Neurons of the Human Spinal Dorsal Horn. The Journal of comparative neurology, 534(5), e70168.

Wang Q, et al. (2026) Spatial transcriptomics reveals organizational properties of mouse spinal cord and alterations in neuropathic pain. bioRxiv : the preprint server for biology.

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. Cell, 189(1), 252.

Zhang SW, et al. (2026) Sensory neurons drive immune exclusion by stimulating a dense extracellular matrix in the breast cancer tumor microenvironment. Cell, 189(4), 1039.

Lezgiyeva K, et al. (2026) Fast-conducting mechanonociceptors uniquely engage reflexive and affective pain circuitry to drive protective responses. Neuron.

McIlvried LA, et al. (2026) CGRP signaling links tumor-associated pain to immune evasion in oral squamous cell carcinoma. Cell reports, 45(2), 116994.

Yu J, et al. (2026) 6-Hydroxydopamine promotes antitumor immunity through macrophage remodeling beyond sympathetic ablation. Neuron, 114(14), 2532.

M??nzberg H, et al. (2026) Brunner's Glands in the Duodenal Bulb Are Indirectly Innervated by Vagal Preganglionics That Connect With Cholinergic Enteric Neurons in the Myenteric Plexus. The Journal of comparative neurology, 534(5), e70164.

Petrova V, et al. (2026) A human iPSC-derived sensory neuron platform for high-throughput discovery of neuroprotectants against chemotherapy-induced peripheral neuropathy. *Cell reports. Medicine*, 7(5), 102787.

Neuhuber WL, et al. (2026) Vagal sensory neurons profusely innervate the mouse gall bladder. *Autonomic neuroscience : basic & clinical*, 266, 103443.

Dumont KD, et al. (2025) Sensory-neuron-derived CGRP?? controls white adipocyte differentiation and tissue plasticity. *Cell reports*, 44(12), 116613.

Davis OC, et al. (2025) Glutamatergic and GABAergic Synapses in the Human Spinal Dorsal Horn Revealed With Immunohistochemistry. *The Journal of comparative neurology*, 533(10), e70091.

Hamnett R, et al. (2025) Enteric glutamatergic interneurons regulate intestinal motility. *Neuron*, 113(7), 1019.

Krueger ER, et al. (2025) Protocol to study neuronal membrane proteasome function in mouse peripheral sensory neurons. *STAR protocols*, 6(1), 103552.

Du L, et al. (2025) Mrgprb4-lineage neurons indispensable in pressure induced pleasant sensation are polymodal. *iScience*, 28(2), 111940.

Santiago C, et al. (2025) Activity-dependent development of the body's touch receptors. *Neuron*, 113(11), 1758.

Cranfill SL, et al. (2025) Asymmetric lateral habenula function and peripheral neural mechanisms in regulating itch-evoked scratching. *Current biology : CB*, 35(24), 6180.

Lezgiyeva K, et al. (2025) Fast-conducting mechanonociceptors uniquely engage reflexive and affective pain circuitry to drive protective responses. *bioRxiv : the preprint server for biology*.

Kim B, et al. (2024) CRACD loss induces neuroendocrine cell plasticity of lung adenocarcinoma. *Cell reports*, 43(6), 114286.

Stewart RG, et al. (2024) Distinct cellular expression and subcellular localization of Kv2 voltage-gated K⁺ channel subtypes in dorsal root ganglion neurons conserved between mice and humans. *The Journal of comparative neurology*, 532(2), e25575.