

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE

RRID:AB_2290729

Type: Antibody

Proper Citation

(Bio-Rad Cat# 1720-9007, RRID:AB_2290729)

Antibody Information

URL: http://antibodyregistry.org/AB_2290729

Proper Citation: (Bio-Rad Cat# 1720-9007, RRID:AB_2290729)

Target Antigen: GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE

Host Organism: goat

Clonality: polyclonal

Comments: manufacturer recommendations: IgG; IgG ELISA, Immunohistology - Paraffin, Immunofluorescence; Immunofluorescence; Western Blot; Immunohistochemistry; ELISA; Immunohistochemistry - fixed

Antibody Name: GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE

Description: This polyclonal targets GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE

Target Organism: rat, mouse

Defining Citation: [PMID:19235905](#), [PMID:19757492](#), [PMID:22886778](#), [PMID:18521856](#), [PMID:21246547](#)

Antibody ID: AB_2290729

Vendor: Bio-Rad

Catalog Number: 1720-9007

Record Creation Time: 20260218T232110+0000

Record Last Update: 20260225T234151+0000

Ratings and Alerts

- Human colon Whole Mount technique staining in Myenteric plexus in Soma shows moderate immunostaining. Human colon Whole Mount technique staining in Myenteric plexus in Fibers shows moderate immunostaining. Data provided by Brookes lab. - Brookes et al. (2022) via SPARC
<https://sparc.science/resources/7Mldjv3RIVrQ11hpBC8PK>

No alerts have been found for GOAT ANTI RAT CALCITONIN GENE-RELATED PEPTIDE.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Kohsar A, et al. (2026) Comprehensive analysis of spinal cord inflammatory factors in HIV Tat-induced neuropathy in mice. Neuroscience, 595, 205.

Mueth MG, et al. (2025) The RNA-binding protein CELF4 is a negative regulator of sensory neuron excitability and mechanical and heat behavioral sensitivity. Neurobiology of pain (Cambridge, Mass.), 18, 100184.

Pavlenko D, et al. (2025) A subpopulation of projections from the parabrachial nucleus to the central amygdala mediates itch. Scientific reports, 15(1), 26432.

Chen BN, et al. (2023) Types of Neurons in the Human Colonic Myenteric Plexus Identified by Multilayer Immunohistochemical Coding. Cellular and molecular gastroenterology and hepatology, 16(4), 573.

Chen X, et al. (2022) Engineered AAVs for non-invasive gene delivery to rodent and non-human primate nervous systems. Neuron, 110(14), 2242.

Smith-Anttila CJA, et al. (2021) Spatiotemporal mapping of sensory and motor innervation of the embryonic and postnatal mouse urinary bladder. Developmental biology, 476, 18.

Li S, et al. (2021) Renal denervation does not affect hypertension or the renin-angiotensin system in a rodent model of juvenile-onset polycystic kidney disease: clinical implications. Scientific reports, 11(1), 14286.

Klein I, et al. (2021) Impact of drug formulations on kinetics and toxicity in a preclinical model of paclitaxel-induced neuropathy. Journal of the peripheral nervous system : JPNS, 26(2), 216.

Payne SC, et al. (2020) Recording of Electrically Evoked Neural Activity and Bladder Pressure Responses in Awake Rats Chronically Implanted With a Pelvic Nerve Array. *Frontiers in neuroscience*, 14, 619275.

Bertrand MM, et al. (2020) Functional segregation within the pelvic nerve of male rats: a meso- and microscopic analysis. *Journal of anatomy*, 237(4), 757.

Thai J, et al. (2020) Identifying spinal afferent (sensory) nerve endings that innervate the marrow cavity and periosteum using anterograde tracing. *The Journal of comparative neurology*, 528(11), 1903.

Humenick A, et al. (2019) Characterization of projections of longitudinal muscle motor neurons in human colon. *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*, 31(10), e13685.

Carlin D, et al. (2018) Deletion of Tsc2 in Nociceptors Reduces Target Innervation, Ion Channel Expression, and Sensitivity to Heat. *eNeuro*, 5(2).

Yamamoto Y, et al. (2018) Morphology of P2X3-immunoreactive nerve endings in the rat tracheal mucosa. *The Journal of comparative neurology*, 526(3), 550.

Peng X, et al. (2017) Fatty-acid-binding protein inhibition produces analgesic effects through peripheral and central mechanisms. *Molecular pain*, 13, 1744806917697007.

Forrest SL, et al. (2014) Characterization of axons expressing the artemin receptor in the female rat urinary bladder: a comparison with other major neuronal populations. *The Journal of comparative neurology*, 522(17), 3900.