

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

Parvalbumin antibody

RRID:AB_298032

Type: Antibody

Proper Citation

Abcam Cat# ab11427, RRID:AB_298032

Antibody Information

URL: http://antibodyregistry.org/AB_298032

Proper Citation: Abcam Cat# ab11427, RRID:AB_298032

Target Antigen: Parvalbumin antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry - frozen; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; ELISA; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; ELISA, ICC/IF, IHC-FoFr, IHC-Fr, IHC-P, IP, WB

Antibody Name: Parvalbumin antibody

Description: This polyclonal targets Parvalbumin antibody

Target Organism: chicken, rat, mouse, chickenbird, human

Defining Citation: [PMID:23254904](#), [PMID:21031555](#)

Antibody ID: AB_298032

Vendor: Abcam

Catalog Number: ab11427

Record Creation Time: 20231110T081509+0000

Record Last Update: 20260830T024014+0000

Ratings and Alerts

No rating or validation information has been found for Parvalbumin antibody.

No alerts have been found for Parvalbumin antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 91 mentions in open access literature.

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

Yang Q, et al. (2026) All-optical electrophysiology reveals behavior-dependent dynamics of excitation and inhibition in the hippocampus. *Neuron*, 114(9), 1635.

Zhang M, et al. (2026) Green light relieves stress-induced anxiety-like behaviors via visual-to-prefrontal projections in mice. *Cell reports*, 45(6), 117426.

Spence NJ, et al. (2025) Olfactory bulb interneurons - The developmental timeline and targeting defined by embryonic neurogenesis. *Molecular and cellular neurosciences*, 133, 104007.

Mihalj D, et al. (2025) Prenatal Valproate Exposure Affects Cortical Neurite Branching, GABAergic Markers, Motor Reflexes and Ultrasonic Vocalizations in the Male Rat Pups. *Journal of neurochemistry*, 169(8), e70184.

McCrimmon CM, et al. (2025) Cortical versus hippocampal network dysfunction in a human brain assembloid model of epilepsy and intellectual disability. *Cell reports*, 116217.

Kinney JL, et al. (2025) Top-down regulation of subcortical regions by hippocampal long-range inhibition. *Current biology : CB*, 35(23), 5853.

Olson WP, et al. (2025) Muscle spindles provide flexible sensory feedback for movement sequences. *Cell reports*, 44(11), 116452.

Caccavano AP, et al. (2025) Divergent opioid-mediated suppression of inhibition between hippocampus and neocortex across species and development. *Neuron*, 113(11), 1805.

Papanikolaou A, et al. (2025) Selectively vulnerable deep cortical layer 5/6 fast-spiking interneurons in Alzheimer's disease models in vivo. *Neuron*, 113(14), 2265.

Targa G, et al. (2025) Altered GABAergic Homeostasis in the Striatum of Dopamine Transporter Knockout Rats. *Current neuropharmacology*, 23(11), 1470.

Caccavano AP, et al. (2024) Divergent opioid-mediated suppression of inhibition between hippocampus and neocortex across species and development. *bioRxiv : the preprint server for biology*.

Hanes CM, et al. (2024) A C-terminal motif containing a PKC phosphorylation site regulates ??-Protocadherin-mediated dendrite arborization in the cerebral cortex in vivo. *Developmental neurobiology*, 84(3), 217.

Sgro M, et al. (2024) Microbiome depletion prior to repeat mild TBI differentially alters social deficits and prefrontal cortex plasticity in adolescent and adult rats. *iScience*, 27(4), 109395.

Tang X, et al. (2024) Pyramidal and parvalbumin neurons modulate the process of electroacupuncture stimulation for stroke rehabilitation. *iScience*, 27(5), 109695.

Parvathy S, et al. (2024) TLX3 regulates CGN progenitor proliferation during cerebellum development and its dysfunction can lead to autism. *iScience*, 27(12), 111260.

Koutroulis I, et al. (2024) Mesenchymal stem cell-derived small extracellular vesicles alleviate the immunometabolic dysfunction in murine septic encephalopathy. *iScience*, 27(8), 110573.

Nguyen R, et al. (2024) Ventral hippocampal cholecystokinin interneurons gate contextual reward memory. *iScience*, 27(2), 108824.

Tetzlaff SK, et al. (2024) Characterizing and targeting glioblastoma neuron-tumor networks with retrograde tracing. *Cell*.

Shen C, et al. (2024) Bidirectional regulation of levodopa-induced dyskinesia by a specific neural ensemble in globus pallidus external segment. *Cell reports. Medicine*, 5(6), 101566.

Luscher B, et al. (2024) Sex-specific GABAergic microcircuits that switch vulnerability into resilience to stress and reverse the effects of chronic stress exposure. *Research square*.