Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Anti-PCP4 polyclonal antibody

RRID:AB_1855086
Type: Antibody

Proper Citation

(Atlas Antibodies Cat# HPA005792, RRID:AB_1855086)

Antibody Information

URL: http://antibodyregistry.org/AB_1855086

Proper Citation: (Atlas Antibodies Cat# HPA005792, RRID:AB_1855086)

Target Antigen: PCP4

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product. Applications: IHC. Orthogonal validation of protein expression using IHC by comparison to RNA-seq data of corresponding target in high and low expression tissues. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

Antibody Name: Anti-PCP4 polyclonal antibody

Description: This polyclonal targets PCP4

Target Organism: mouse, human

Antibody ID: AB_1855086

Vendor: Atlas Antibodies

Catalog Number: HPA005792

Record Creation Time: 20241017T003207+0000

Record Last Update: 20241017T022010+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas https://www.proteinatlas.org/search/HPA005792

No alerts have been found for Anti-PCP4 polyclonal antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Xue J, et al. (2024) Spatiotemporal Mapping and Molecular Basis of Whole-brain Circuit Maturation. bioRxiv : the preprint server for biology.

Boyle LM, et al. (2024) Tuned geometries of hippocampal representations meet the computational demands of social memory. Neuron.

Kapustina M, et al. (2024) The cell-type-specific spatial organization of the anterior thalamic nuclei of the mouse brain. Cell reports, 43(3), 113842.

Oakley RH, et al. (2024) Imbalanced glucocorticoid and mineralocorticoid stress hormone receptor function has sex-dependent and independent regulatory effects in the mouse hippocampus. Neurobiology of stress, 28, 100589.

Jabra S, et al. (2024) Sex- and cycle-dependent changes in spine density and size in hippocampal CA2 neurons. Scientific reports, 14(1), 12252.

Hassan SI, et al. (2023) Social odor discrimination and its enhancement by associative learning in the hippocampal CA2 region. Neuron, 111(14), 2232.

Simpson Ragdale H, et al. (2023) Injury primes mutation-bearing astrocytes for dedifferentiation in later life. Current biology : CB, 33(6), 1082.

Ohara S, et al. (2023) Hippocampal-medial entorhinal circuit is differently organized along the dorsoventral axis in rodents. Cell reports, 42(1), 112001.

Whitebirch AC, et al. (2023) Reduced Cholecystokinin-Expressing Interneuron Input Contributes to Disinhibition of the Hippocampal CA2 Region in a Mouse Model of Temporal Lobe Epilepsy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(41), 6930.

Kilias A, et al. (2023) Integration of the CA2 region in the hippocampal network during epileptogenesis. Hippocampus, 33(3), 223.

Tang J, et al. (2022) Optical Fiber-Based Recording of Climbing Fiber Ca2+ Signals in Freely Behaving Mice. Biology, 11(6).

Sheu SH, et al. (2022) A serotonergic axon-cilium synapse drives nuclear signaling to alter chromatin accessibility. Cell, 185(18), 3390.

Leroy F, et al. (2022) Enkephalin release from VIP interneurons in the hippocampal CA2/3a region mediates heterosynaptic plasticity and social memory. Molecular psychiatry, 27(6), 2879.

Loisy M, et al. (2022) Sequential inhibitory plasticities in hippocampal area CA2 and social memory formation. Neuron, 110(17), 2854.

Qin H, et al. (2022) REM sleep-active hypothalamic neurons may contribute to hippocampal social-memory consolidation. Neuron, 110(23), 4000.

Whitebirch AC, et al. (2022) Enhanced excitability of the hippocampal CA2 region and its contribution to seizure activity in a mouse model of temporal lobe epilepsy. Neuron, 110(19), 3121.

Laham BJ, et al. (2021) Newborn mice form lasting CA2-dependent memories of their mothers. Cell reports, 34(4), 108668.

Robert V, et al. (2021) Local circuit allowing hypothalamic control of hippocampal area CA2 activity and consequences for CA1. eLife, 10.

Ohara S, et al. (2021) Local projections of layer Vb-to-Va are more prominent in lateral than in medial entorhinal cortex. eLife, 10.

Cholvin T, et al. (2021) The hippocampus converts dynamic entorhinal inputs into stable spatial maps. Neuron, 109(19), 3135.