

Resource Summary Report

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PKC alpha (C-20)

RRID:AB_2168668

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-208, RRID:AB_2168668)

Antibody Information

URL: http://antibodyregistry.org/AB_2168668

Proper Citation: (Santa Cruz Biotechnology Cat# sc-208, RRID:AB_2168668)

Target Antigen: PKC alpha (C-20)

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Immunofluorescence; Western Blot; ELISA; Immunoprecipitation

Antibody Name: PKC alpha (C-20)

Description: This polyclonal targets PKC alpha (C-20)

Target Organism: human, mouse, rat

Antibody ID: AB_2168668

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-208

Ratings and Alerts

No rating or validation information has been found for PKC alpha (C-20).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Immunofluorescence; Western Blot; ELISA; Immunoprecipitation

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Laird JG, et al. (2023) Mouse all-cone retina models of Cav1.4 synaptopathy. *Frontiers in molecular neuroscience*, 16, 1155955.

Thongnak L, et al. (2023) Metformin mitigates renal dysfunction in obese insulin-resistant rats via activation of the AMPK/PPAR γ pathway. *Archives of pharmacal research*, 46(5), 408.

Osswald M, et al. (2022) aPKC regulates apical constriction to prevent tissue rupture in the *Drosophila* follicular epithelium. *Current biology : CB*, 32(20), 4411.

Yang CC, et al. (2022) HO-1 Upregulation by Kaempferol via ROS-Dependent Nrf2-ARE Cascade Attenuates Lipopolysaccharide-Mediated Intercellular Cell Adhesion Molecule-1 Expression in Human Pulmonary Alveolar Epithelial Cells. *Antioxidants (Basel, Switzerland)*, 11(4).

Indrischek H, et al. (2022) Vision-related convergent gene losses reveal SERPINE3's unknown role in the eye. *eLife*, 11.

Gao F, et al. (2022) A non-canonical retina-ipRGCs-SCN-PVT visual pathway for mediating contagious itch behavior. *Cell reports*, 41(1), 111444.

Bassal M, et al. (2021) Rapid and Progressive Loss of Multiple Retinal Cell Types in Cathepsin D-Deficient Mice-An Animal Model of CLN10 Disease. *Cells*, 10(3).

Pojer JM, et al. (2021) The Hippo pathway uses different machinery to control cell fate and organ size. *iScience*, 24(8), 102830.

Gehlen J, et al. (2021) Excitatory Amino Acid Transporter EAAT5 Improves Temporal Resolution in the Retina. *eNeuro*, 8(6).

Liu S, et al. (2020) NC1-peptide regulates spermatogenesis through changes in cytoskeletal organization mediated by EB1. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 34(2), 3105.

Kaur N, et al. (2020) Neural Stem Cells Direct Axon Guidance via Their Radial Fiber Scaffold. *Neuron*, 107(6), 1197.

Pasquale R, et al. (2020) Rod Photoreceptors Signal Fast Changes in Daylight Levels Using a Cx36-Independent Retinal Pathway in Mouse. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(4), 796.

Frikstad KM, et al. (2019) A CEP104-CSPP1 Complex Is Required for Formation of Primary Cilia Competent in Hedgehog Signaling. *Cell reports*, 28(7), 1907.

Achberger K, et al. (2019) Merging organoid and organ-on-a-chip technology to generate complex multi-layer tissue models in a human retina-on-a-chip platform. *eLife*, 8.

Moon KH, et al. (2018) Differential Expression of NF2 in Neuroepithelial Compartments Is Necessary for Mammalian Eye Development. *Developmental cell*, 44(1), 13.

Li B, et al. (2018) The retromer complex safeguards against neural progenitor-derived tumorigenesis by regulating Notch receptor trafficking. *eLife*, 7.

Mai HN, et al. (2018) Exposure to far-infrared ray attenuates methamphetamine-induced impairment in recognition memory through inhibition of protein kinase C α in male mice: Comparison with the antipsychotic clozapine. *Journal of neuroscience research*, 96(7), 1294.

Liu K, et al. (2017) The Super Elongation Complex Drives Neural Stem Cell Fate Commitment. *Developmental cell*, 40(6), 537.

Shirafuji T, et al. (2014) The role of Pak-interacting exchange factor- α phosphorylation at serines 340 and 583 by PKC α in dopamine release. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(28), 9268.

Light AC, et al. (2012) Organizational motifs for ground squirrel cone bipolar cells. *The Journal of comparative neurology*, 520(13), 2864.