Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

Anti-GIRK2 (Kir3.2) Antibody

RRID:AB_2040115
Type: Antibody

Proper Citation

(Alomone Labs Cat# APC-006, RRID:AB_2040115)

Antibody Information

URL: http://antibodyregistry.org/AB_2040115

Proper Citation: (Alomone Labs Cat# APC-006, RRID:AB_2040115)

Target Antigen: GIRK2 (Kir3.2) Channel

Host Organism: rabbit

Clonality: unknown

Comments: Useful for Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

Antibody Name: Anti-GIRK2 (Kir3.2) Antibody

Description: This unknown targets GIRK2 (Kir3.2) Channel

Target Organism: rat, mouse, human

Defining Citation: PMID:21713770, PMID:18698588

Antibody ID: AB_2040115

Vendor: Alomone Labs

Catalog Number: APC-006

Record Creation Time: 20241016T222120+0000

Record Last Update: 20241016T224343+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GIRK2 (Kir3.2) Antibody.

No alerts have been found for Anti-GIRK2 (Kir3.2) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Recinto SJ, et al. (2024) Characterizing enteric neurons in dopamine transporter (DAT)-Cre reporter mice reveals dopaminergic subtypes with dual-transmitter content. The European journal of neuroscience.

Nielsen BE, et al. (2024) Reduced striatal M4-cholinergic signaling following dopamine loss contributes to parkinsonian and l-DOPA-induced dyskinetic behaviors. Science advances, 10(47), eadp6301.

Giacomoni J, et al. (2024) 3D model for human glia conversion into subtype-specific neurons, including dopamine neurons. Cell reports methods, 4(9), 100845.

Kirkeby A, et al. (2023) Preclinical quality, safety, and efficacy of a human embryonic stem cell-derived product for the treatment of Parkinson's disease, STEM-PD. Cell stem cell, 30(10), 1299.

Lorenz-Guertin JM, et al. (2023) Inhibitory and excitatory synaptic neuroadaptations in the diazepam tolerant brain. Neurobiology of disease, 185, 106248.

Hobson BD, et al. (2022) Subcellular proteomics of dopamine neurons in the mouse brain. eLife, 11.

Bony AR, et al. (2022) Analgesic ?-conotoxins modulate native and recombinant GIRK1/2 channels via activation of GABAB receptors and reduce neuroexcitability. British journal of pharmacology, 179(1), 179.

Kim J, et al. (2022) Spotting-based differentiation of functional dopaminergic progenitors from human pluripotent stem cells. Nature protocols, 17(3), 890.

Moriarty N, et al. (2022) A combined cell and gene therapy approach for homotopic reconstruction of midbrain dopamine pathways using human pluripotent stem cells. Cell stem cell, 29(3), 434.

Laverne G, et al. (2022) Cholinergic interneuron inhibition potentiates corticostriatal transmission in direct medium spiny neurons and rescues motor learning in parkinsonism. Cell reports, 40(1), 111034.

Djebari S, et al. (2021) G-Protein-Gated Inwardly Rectifying Potassium (Kir3/GIRK) Channels Govern Synaptic Plasticity That Supports Hippocampal-Dependent Cognitive Functions in Male Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(33), 7086.

Kim TW, et al. (2021) Biphasic Activation of WNT Signaling Facilitates the Derivation of Midbrain Dopamine Neurons from hESCs for Translational Use. Cell stem cell, 28(2), 343.

Gong S, et al. (2021) Cocaine shifts dopamine D2 receptor sensitivity to gate conditioned behaviors. Neuron, 109(21), 3421.

Fukusumi H, et al. (2021) Alpha-synuclein dynamics in induced pluripotent stem cell-derived dopaminergic neurons from a Parkinson's disease patient (PARK4) with SNCA triplication. FEBS open bio, 11(2), 354.

Gantner CW, et al. (2020) Viral Delivery of GDNF Promotes Functional Integration of Human Stem Cell Grafts in Parkinson's Disease. Cell stem cell, 26(4), 511.

Vaswani AR, et al. (2019) Correct setup of the substantia nigra requires Reelin-mediated fast, laterally-directed migration of dopaminergic neurons. eLife, 8.

Constantin S, et al. (2018) Nociceptin/Orphanin-FQ Inhibits Gonadotropin-Releasing Hormone Neurons via G-Protein-Gated Inwardly Rectifying Potassium Channels. eNeuro, 5(6).

Kordower JH, et al. (2017) Parkinsonian monkeys with prior levodopa-induced dyskinesias followed by fetal dopamine precursor grafts do not display graft-induced dyskinesias. The Journal of comparative neurology, 525(3), 498.

Reyes S, et al. (2012) GIRK2 expression in dopamine neurons of the substantia nigra and ventral tegmental area. The Journal of comparative neurology, 520(12), 2591.

Brown A, et al. (2011) Molecular organization and timing of Wnt1 expression define cohorts of midbrain dopamine neuron progenitors in vivo. The Journal of comparative neurology, 519(15), 2978.