Resource Summary Report

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

Anti-CaV1.3 (CACNA1D) Antibody

RRID:AB_2039775
Type: Antibody

Proper Citation

(Alomone Labs Cat# ACC-005, RRID:AB_2039775)

Antibody Information

URL: http://antibodyregistry.org/AB_2039775

Proper Citation: (Alomone Labs Cat# ACC-005, RRID:AB_2039775)

Target Antigen: CaV1.3 (CACNA1D) Channel

Host Organism: rabbit

Clonality: unknown

Comments: Useful for Western Blot, Immunohistochemistry, Immunoprecipitation, Imunocytochemistry, Indirect flow cytometry

Antibody Name: Anti-CaV1.3 (CACNA1D) Antibody

Description: This unknown targets CaV1.3 (CACNA1D) Channel

Target Organism: rat, mouse, human

Defining Citation: PMID:22473424

Antibody ID: AB_2039775

Vendor: Alomone Labs

Catalog Number: ACC-005

Record Creation Time: 20231110T050918+0000

Record Last Update: 20241115T122018+0000

Ratings and Alerts

No rating or validation information has been found for Anti-CaV1.3 (CACNA1D) Antibody.

No alerts have been found for Anti-CaV1.3 (CACNA1D) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Oestreicher D, et al. (2024) CaBP1 and 2 enable sustained CaV1.3 calcium currents and synaptic transmission in inner hair cells. eLife, 13.

Cortada M, et al. (2023) mTORC2 regulates auditory hair cell structure and function. iScience, 26(9), 107687.

Ghazizadeh Z, et al. (2022) A dual SHOX2:GFP; MYH6:mCherry knockin hESC reporter line for derivation of human SAN-like cells. iScience, 25(4), 104153.

Boero LE, et al. (2021) Noise Exposure Potentiates Exocytosis From Cochlear Inner Hair Cells. Frontiers in synaptic neuroscience, 13, 740368.

Miranda AS, et al. (2019) Alterations of Calcium Channels in a Mouse Model of Huntington's Disease and Neuroprotection by Blockage of CaV1 Channels. ASN neuro, 11, 1759091419856811.

Sahu G, et al. (2019) Junctophilin Proteins Tether a Cav1-RyR2-KCa3.1 Tripartite Complex to Regulate Neuronal Excitability. Cell reports, 28(9), 2427.

Kamijo S, et al. (2018) A Critical Neurodevelopmental Role for L-Type Voltage-Gated Calcium Channels in Neurite Extension and Radial Migration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(24), 5551.

Sonntag M, et al. (2018) Synaptic coupling of inner ear sensory cells is controlled by brevican-based extracellular matrix baskets resembling perineuronal nets. BMC biology, 16(1), 99.

Fan F, et al. (2017) Exophilin-8 assembles secretory granules for exocytosis in the actin cortex via interaction with RIM-BP2 and myosin-VIIa. eLife, 6.

Cao M, et al. (2017) Parkinson Sac Domain Mutation in Synaptojanin 1 Impairs Clathrin

Uncoating at Synapses and Triggers Dystrophic Changes in Dopaminergic Axons. Neuron, 93(4), 882.

Huang CY, et al. (2012) Coexpression of high-voltage-activated ion channels Kv3.4 and Cav1.2 in pioneer axons during pathfinding in the developing rat forebrain. The Journal of comparative neurology, 520(16), 3650.