Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

Rabbit Anti-Calcium Pump PMCA2 ATPase Polyclonal Antibody, Unconjugated

RRID:AB_303878
Type: Antibody

Proper Citation

(Abcam Cat# ab3529, RRID:AB_303878)

Antibody Information

URL: http://antibodyregistry.org/AB_303878

Proper Citation: (Abcam Cat# ab3529, RRID:AB_303878)

Target Antigen: Calcium Pump PMCA2 ATPase

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; Western Blot; ELISA, Immunohistochemistry-FoFr, Western Blot

Antibody Name: Rabbit Anti-Calcium Pump PMCA2 ATPase Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Calcium Pump PMCA2 ATPase

Target Organism: rat, human

Antibody ID: AB_303878

Vendor: Abcam

Catalog Number: ab3529

Record Creation Time: 20241017T003946+0000

Record Last Update: 20241017T023104+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Calcium Pump PMCA2 ATPase Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Calcium Pump PMCA2 ATPase Polyclonal Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Qiu X, et al. (2023) The tetraspan LHFPL5 is critical to establish maximal force sensitivity of the mechanotransduction channel of cochlear hair cells. Cell reports, 42(3), 112245.

Ikäheimo K, et al. (2022) MANF supports the inner hair cell synapse and the outer hair cell stereocilia bundle in the cochlea. Life science alliance, 5(2).

Lewis MA, et al. (2022) Identification and characterisation of spontaneous mutations causing deafness from a targeted knockout programme. BMC biology, 20(1), 67.

Newton S, et al. (2022) Neuroplastin genetically interacts with Cadherin 23 and the encoded isoform Np55 is sufficient for cochlear hair cell function and hearing. PLoS genetics, 18(1), e1009937.

Cunningham CL, et al. (2020) TMIE Defines Pore and Gating Properties of the Mechanotransduction Channel of Mammalian Cochlear Hair Cells. Neuron, 107(1), 126.

Schmidt N, et al. (2017) Neuroplastin and Basigin Are Essential Auxiliary Subunits of Plasma Membrane Ca2+-ATPases and Key Regulators of Ca2+ Clearance. Neuron, 96(4), 827.

Cunningham CL, et al. (2017) The murine catecholamine methyltransferase mTOMT is essential for mechanotransduction by cochlear hair cells. eLife, 6.