Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 8, 2025

Anti-VDAC1 / Porin antibody [EPR10852(B)]

RRID:AB_2687466
Type: Antibody

Proper Citation

(Abcam Cat# ab154856, RRID:AB_2687466)

Antibody Information

URL: http://antibodyregistry.org/AB_2687466

Proper Citation: (Abcam Cat# ab154856, RRID:AB_2687466)

Target Antigen: VDAC1 / Porin

Host Organism: rabbit

Clonality: monoclonal

Comments: Image validation for IHC-P, WB in MDS.

Antibody Name: Anti-VDAC1 / Porin antibody [EPR10852(B)]

Description: This monoclonal targets VDAC1 / Porin

Target Organism: rat, mouse, human

Clone ID: EPR10852(B)

Defining Citation: PMID:28666573

Antibody ID: AB_2687466

Vendor: Abcam

Catalog Number: ab154856

Record Creation Time: 20231110T034042+0000

Record Last Update: 20240725T082304+0000

Ratings and Alerts

No rating or validation information has been found for Anti-VDAC1 / Porin antibody [EPR10852(B)].

No alerts have been found for Anti-VDAC1 / Porin antibody [EPR10852(B)].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Tang Y, et al. (2024) Cardiolipin oxidized by ROS from complex II acts as a target of gasdermin D to drive mitochondrial pore and heart dysfunction in endotoxemia. Cell reports, 43(5), 114237.

Chang CF, et al. (2024) Brown adipose tissue CoQ deficiency activates the integrated stress response and FGF21-dependent mitohormesis. The EMBO journal, 43(2), 168.

Cardanho-Ramos C, et al. (2024) Local mitochondrial replication in the periphery of neurons requires the eEF1A1 protein and thetranslation of nuclear-encoded proteins. iScience, 27(4), 109136.

Beutner G, et al. (2024) Coordinated metabolic responses to cyclophilin D deletion in the developing heart. iScience, 27(3), 109157.

Robinson AE, et al. (2023) Hyperphosphorylation of hepatic proteome characterizes nonalcoholic fatty liver disease in S-adenosylmethionine deficiency. iScience, 26(2), 105987.

Zhang P, et al. (2022) Clusterin is involved in mediating the metabolic function of adipose SIRT1. iScience, 25(1), 103709.

Xu X, et al. (2022) Uncompensated mitochondrial oxidative stress underlies heart failure in an iPSC-derived model of congenital heart disease. Cell stem cell, 29(5), 840.

D'Angelo L, et al. (2021) NDUFS3 depletion permits complex I maturation and reveals TMEM126A/OPA7 as an assembly factor binding the ND4-module intermediate. Cell reports, 35(3), 109002.

Bhattacharyya R, et al. (2021) Axonal generation of amyloid-? from palmitoylated APP in mitochondria-associated endoplasmic reticulum membranes. Cell reports, 35(7), 109134.

Flockhart M, et al. (2021) Excessive exercise training causes mitochondrial functional impairment and decreases glucose tolerance in healthy volunteers. Cell metabolism, 33(5), 957.

Ren YZ, et al. (2020) Resolvin D1 ameliorates cognitive impairment following traumatic brain injury via protecting astrocytic mitochondria. Journal of neurochemistry, 154(5), 530.

Lin KH, et al. (2019) Systematic Dissection of the Metabolic-Apoptotic Interface in AML Reveals Heme Biosynthesis to Be a Regulator of Drug Sensitivity. Cell metabolism, 29(5), 1217.

Zhang E, et al. (2019) Preserving Insulin Secretion in Diabetes by Inhibiting VDAC1 Overexpression and Surface Translocation in ? Cells. Cell metabolism, 29(1), 64.

van Heesch S, et al. (2019) The Translational Landscape of the Human Heart. Cell, 178(1), 242.

Yoon S, et al. (2017) MLKL, the Protein that Mediates Necroptosis, Also Regulates Endosomal Trafficking and Extracellular Vesicle Generation. Immunity, 47(1), 51.