

Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

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: 20260829T101335+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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Wan H, et al. (2026) Voltage-dependent anion channel 1 oligomerization regulates PANoptosis in retinal ischemia-reperfusion injury. *Neural regeneration research*, 21(4), 1652.

Wang H, et al. (2025) Adipocyte-specific Steap4 deficiency reduced thermogenesis and energy expenditure in mice. *iScience*, 28(2), 111903.

Budinger D, et al. (2025) An iPSC-derived neuronal model reveals manganese's role in neuronal endocytosis, calcium flux and mitochondrial bioenergetics. *iScience*, 28(9), 113311.

Xu J, et al. (2025) Autoimmune disease risk gene ANKRD55 promotes TH17 effector function through metabolic modulation. *The Journal of experimental medicine*, 222(11).

Li L, et al. (2025) *Mycobacterium bovis* induces macrophage mitochondrial release of hexokinase 2 to enhance intracellular survival. *Cell reports*, 44(10), 116421.

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

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.

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.

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.

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.

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

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

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- β from palmitoylated APP in mitochondria-associated endoplasmic reticulum membranes. *Cell reports*, 35(7), 109134.

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

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

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.

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.