Resource Summary Report

Generated by NIF on Jul 29, 2026

VDAC1 / Porin antibody - Mitochondrial Loading Control

RRID:AB_2214787
Type: Antibody

Proper Citation

Abcam Cat# ab15895, RRID:AB_2214787

Antibody Information

URL: http://antibodyregistry.org/AB_2214787

Proper Citation: Abcam Cat# ab15895, RRID:AB_2214787

Target Antigen: VDAC1

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunohistochemistry, immunocytochemistry

Antibody Name: VDAC1 / Porin antibody - Mitochondrial Loading Control

Description: This polyclonal targets VDAC1

Target Organism: chicken, mouse, dog, human

Antibody ID: AB_2214787

Vendor: Abcam

Catalog Number: ab15895

Record Creation Time: 20250820T041743+0000

Record Last Update: 20250820T183451+0000

Ratings and Alerts

No rating or validation information has been found for VDAC1 / Porin antibody - Mitochondrial Loading Control.

No alerts have been found for VDAC1 / Porin antibody - Mitochondrial Loading Control.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 63 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Jackson CB, et al. (2025) De novo serine biosynthesis is protective in mitochondrial disease. Cell reports, 44(5), 115710.

Lin YT, et al. (2025) Temporal analysis of doxorubicin-induced cardiac toxicity and hypertrophy. NPJ systems biology and applications, 11(1), 67.

Ozawa H, et al. (2025) Targeting KRAS Inhibitor-Resistant Pancreatic Cancer with an MUC1-C Antibody-Drug Conjugate. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(24), 5246.

Cáliz-Molina MÁ, et al. (2025) Enhanced non-enzymatic H2S generation extends lifespan and healthspan in male mice. Cell metabolism.

Rigoni G, et al. (2025) MARIGOLD and MitoCIAO, two searchable compendia to visualize and functionalize protein complexes during mitochondrial remodeling. Cell metabolism, 37(4), 1024.

Panda PK, et al. (2025) BCL-XL Protects ASS1-Deficient Cancers from Arginine Starvation-Induced Apoptosis. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(7), 1333.

Park CH, et al. (2025) Cold-inducible GOT1 activates the malate-aspartate shuttle in brown adipose tissue to support fuel preference for fatty acids. Cell reports, 44(7), 115888.

Elancheliyan P, et al. (2024) OCIAD1 and prohibitins regulate the stability of the TIM23 protein translocase. Cell reports, 43(12), 115038.

García-Poyatos C, et al. (2024) Cox7a1 controls skeletal muscle physiology and heart regeneration through complex IV dimerization. Developmental cell, 59(14), 1824.

Zheng J, et al. (2024) Tumor mitochondrial oxidative phosphorylation stimulated by the nuclear receptor ROR? represents an effective therapeutic opportunity in osteosarcoma. Cell reports. Medicine, 5(5), 101519.

Zhao F, et al. (2024) GRP75-dependent mitochondria-ER contacts ensure cell survival during early mouse thymocyte development. Developmental cell, 59(19), 2643.

Soro-Arnáiz I, et al. (2024) GLUD1 determines murine muscle stem cell fate by controlling mitochondrial glutamate levels. Developmental cell, 59(21), 2850.

Mattar P, et al. (2024) Insulin and leptin oscillations license food-entrained browning and metabolic flexibility. Cell reports, 43(7), 114390.

Chakrabarty Y, et al. (2024) The HRI branch of the integrated stress response selectively triggers mitophagy. Molecular cell, 84(6), 1090.

Dang R, et al. (2024) Effects of the Glucocorticoid-Mediated Mitochondrial Translocation of Glucocorticoid Receptors on Oxidative Stress and Pyroptosis in BV-2 Microglia. Journal of molecular neuroscience : MN, 74(1), 30.

Bertino F, et al. (2024) Dysregulation of FLVCR1a-dependent mitochondrial calcium handling in neural progenitors causes congenital hydrocephalus. Cell reports. Medicine, 5(7), 101647.

Raby A, et al. (2024) Spastin regulates ER-mitochondrial contact sites and mitochondrial homeostasis. iScience, 27(9), 110683.

Che Y, et al. (2023) Bile acids target mitofusin 2 to differentially regulate innate immunity in physiological versus cholestatic conditions. Cell reports, 42(1), 112011.

Ciarpella F, et al. (2023) Generation of mouse hippocampal brain organoids from primary embryonic neural stem cells. STAR protocols, 4(3), 102413.

Yasuda T, et al. (2023) Mitochondrial dynamics define muscle fiber type by modulating cellular metabolic pathways. Cell reports, 42(5), 112434.