

Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

SERCA2 ATPase antibody [2A7-A1]

RRID:AB_2061425

Type: Antibody

Proper Citation

Abcam Cat# ab2861, RRID:AB_2061425

Antibody Information

URL: http://antibodyregistry.org/AB_2061425

Proper Citation: Abcam Cat# ab2861, RRID:AB_2061425

Target Antigen: Atp2a2

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: SERCA2 ATPase antibody [2A7-A1]

Description: This monoclonal targets Atp2a2

Target Organism: mouse, dog, human

Clone ID: 2A7-A1

Antibody ID: AB_2061425

Vendor: Abcam

Catalog Number: ab2861

Record Creation Time: 20250820T020555+0000

Record Last Update: 20250820T124104+0000

Ratings and Alerts

No rating or validation information has been found for SERCA2 ATPase antibody [2A7-A1].

No alerts have been found for SERCA2 ATPase antibody [2A7-A1].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhu Z, et al. (2025) Inhibition of the upregulated phosphodiesterase 4D isoforms improves SERCA2a function in diabetic cardiomyopathy. British journal of pharmacology, 182(7), 1487.

Sapienza S, et al. (2024) Ultrafine particulate matter pollution and dysfunction of endoplasmic reticulum Ca²⁺ store: A pathomechanism shared with amyotrophic lateral sclerosis motor neurons? Ecotoxicology and environmental safety, 273, 116104.

Wang T, et al. (2024) Single-nucleus transcriptomics identifies separate classes of UCP1 and futile cycle adipocytes. Cell metabolism, 36(9), 2130.

Aroor A, et al. (2023) Endothelial cell-specific mineralocorticoid receptor activation promotes diastolic dysfunction in diet-induced obese male mice. American journal of physiology. Regulatory, integrative and comparative physiology, 324(1), R90.

Combot Y, et al. (2022) Seipin localizes at endoplasmic-reticulum-mitochondria contact sites to control mitochondrial calcium import and metabolism in adipocytes. Cell reports, 38(2), 110213.

Huang JP, et al. (2020) Therapeutic potential of cPLA2 inhibitor to counteract dilated-cardiomyopathy in cholesterol-treated H9C2 cardiomyocyte and MUNO rat. Pharmacological research, 160, 105201.