

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 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](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:** 20250819T225038+0000

**Record Last Update:** 20250820T032841+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 [NIF](#) .

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.

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

Sapienza S, et al. (2024) Ultrafine particulate matter pollution and dysfunction of endoplasmic reticulum Ca<sup>2+</sup> store: A pathomechanism shared with amyotrophic lateral sclerosis motor neurons? Ecotoxicology and environmental safety, 273, 116104.

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.