# Resource Summary Report

Generated by RRID on Aug 14, 2026

## Catalase antibody - Peroxisome Marker

RRID:AB_302649
Type: Antibody

### Proper Citation

Abcam Cat# ab1877, RRID:AB_302649

### Antibody Information

**URL:** http://antibodyregistry.org/AB_302649

**Proper Citation:** Abcam Cat# ab1877, RRID:AB_302649

**Target Antigen:** Catalase antibody - Peroxisome Marker

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunohistochemistry - fixed; Immunofluorescence; ELISA; Immunohistochemistry; Immunohistochemistry - frozen; Immunoprecipitation; Western Blot; Immunocytochemistry; ELISA, ICC, ICC/IF, IHC-Fr, IHC-P, IP, WB

**Antibody Name:** Catalase antibody - Peroxisome Marker

**Description:** This polyclonal targets Catalase antibody - Peroxisome Marker

**Target Organism:** chicken, rat, cow, mouse, chickenbird, bovine, human, sheep

**Defining Citation:** PMID:19757494

**Antibody ID:** AB_302649

**Vendor:** Abcam

**Catalog Number:** ab1877

**Record Creation Time:** 20250820T024802+0000

**Record Last Update:** 20250820T143334+0000

### Ratings and Alerts

No rating or validation information has been found for Catalase antibody - Peroxisome Marker.

No alerts have been found for Catalase antibody - Peroxisome Marker.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Xirouchaki CE, et al. (2026) A decline in skeletal muscle NOX4 abrogates exercise-induced adaptive homeostasis and exacerbates biological aging. Science advances, 12(24), eadz1953.

Baasch-Skytte T, et al. (2021) Skeletal muscle proteins important for work capacity are altered with type 2 diabetes - Effect of 10-20-30 training. Physiological reports, 9(1), e14681.

Xirouchaki CE, et al. (2021) Skeletal muscle NOX4 is required for adaptive responses that prevent insulin resistance. Science advances, 7(51), eabl4988.

Dantzler HA, et al. (2019) Hydrogen peroxide inhibits neurons in the paraventricular nucleus of the hypothalamus via potassium channel activation. American journal of physiology. Regulatory, integrative and comparative physiology, 317(1), R121.

Song M, et al. (2017) Abrogating Mitochondrial Dynamics in Mouse Hearts Accelerates Mitochondrial Senescence. Cell metabolism, 26(6), 872.