

Resource Summary Report

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

Rabbit Anti-Catalase Polyclonal Antibody, Unconjugated

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 - Peroxisome Marker

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; ELISA, Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: Rabbit Anti-Catalase Polyclonal Antibody, Unconjugated

Description: This polyclonal targets Catalase - Peroxisome Marker

Target Organism: chicken, chickenavian, rat, mouse, bovine, human

Defining Citation: [PMID:19757494](#)

Antibody ID: AB_302649

Vendor: Abcam

Catalog Number: ab1877

Record Creation Time: 20250819T224441+0000

Record Last Update: 20250820T030958+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Catalase Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Catalase Polyclonal Antibody, Unconjugated.

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.