Resource Summary Report

Generated by RRID on Sep 8, 2026

OPA1 antibody

RRID:AB_2810292
Type: Antibody

Proper Citation

Proteintech Cat# 27733-1-AP, RRID:AB_2810292

Antibody Information

URL: http://antibodyregistry.org/AB_2810292

Proper Citation: Proteintech Cat# 27733-1-AP, RRID:AB_2810292

Target Antigen: OPA1

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ELISA

Antibody Name: OPA1 antibody

Description: This polyclonal targets OPA1

Target Organism: chicken, rat, mouse, human

Antibody ID: AB_2810292

Vendor: Proteintech

Catalog Number: 27733-1-AP

Record Creation Time: 20231110T032647+0000

Record Last Update: 20260829T125056+0000

Ratings and Alerts

No rating or validation information has been found for OPA1 antibody.

No alerts have been found for OPA1 antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Alsalman M, et al. (2026) Hippocampal CA1 and CA2 dendritic compartment-specific differences in mitochondrial form and function. Progress in neurobiology, 262, 102931.

Sun Y, et al. (2026) Lactylation Converts ABHD6 into a Mitochondrial Regulator That Drives Lenvatinib Resistance in Hepatocellular Carcinoma. Cancer research, 86(12), 2970.

Zhang H, et al. (2026) The HEAT repeat protein MROH7 regulates the inflammatory macrophage response via LBP acetylation. Cell chemical biology, 33(2), 169.

Guo Y, et al. (2026) Macrophage glycine transporter supports IL-1? production by modulating the AKT1/mTOR/NLRP3 pathway. Cell reports, 45(1), 116683.

Tang M, et al. (2025) ?-hydroxybutyrate facilitates mitochondrial-derived vesicle biogenesis and improves mitochondrial functions. Molecular cell, 85(7), 1395.

Gong Y, et al. (2025) Harmine derivative H-2-168 induces the death of Echinococcus granulosus by regulating mitochondrial fusion and fission. Pharmaceutical biology, 63(1), 188.

Alsalman M, et al. (2025) Hippocampal cell- and circuit-specific differences in mitochondrial form and function. bioRxiv : the preprint server for biology.

Rosencrans WM, et al. (2025) Putative PINK1/Parkin activators lower the threshold for mitophagy by sensitizing cells to mitochondrial stress. Science advances, 11(35), eady0240.

Wang C, et al. (2024) Serine synthesis sustains macrophage IL-1? production via NAD+-dependent protein acetylation. Molecular cell, 84(4), 744.

Kan T, et al. (2024) Matrix stiffness aggravates osteoarthritis progression through H3K27me3 demethylation induced by mitochondrial damage. iScience, 27(8), 110507.

Zhou J, et al. (2024) Astrocytic LRP1 enables mitochondria transfer to neurons and mitigates brain ischemic stroke by suppressing ARF1 lactylation. Cell metabolism, 36(9), 2054.

Shahin S, et al. (2023) MFN1 augmentation prevents retinal degeneration in a Charcot-Marie-Tooth type 2A mouse model. iScience, 26(3), 106270.

Jiang B, et al. (2022) Filamentous GLS1 promotes ROS-induced apoptosis upon glutamine deprivation via insufficient asparagine synthesis. Molecular cell, 82(10), 1821.

Fu J, et al. (2022) GABA regulates IL-1? production in macrophages. Cell reports, 41(10), 111770.

Liu ZF, et al. (2022) Melatonin attenuates manganese-induced mitochondrial fragmentation by suppressing the Mst1/JNK signaling pathway in primary mouse neurons. The Science of the total environment, 844, 157134.