

Resource Summary Report

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P62/SQSTM1 antibody

RRID:AB_10694431

Type: Antibody

Proper Citation

Proteintech Cat# 18420-1-AP, RRID:AB_10694431

Antibody Information

URL: http://antibodyregistry.org/AB_10694431

Proper Citation: Proteintech Cat# 18420-1-AP, RRID:AB_10694431

Target Antigen: P62/SQSTM1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IP, IHC, IF, FC, ELISA
Originating manufacturer of this product.
Validation: data for WB is available from YCharOS.
<https://doi.org/10.5281/zenodo.4818440>

Antibody Name: P62/SQSTM1 antibody

Description: This polyclonal targets P62/SQSTM1

Target Organism: chicken, rat, monopterus albus, hamster, cow, goat, chick, swine, mouse, rabbit, bovine, zebrafish, human

Antibody ID: AB_10694431

Vendor: Proteintech

Catalog Number: 18420-1-AP

Record Creation Time: 20250819T214353+0000

Record Last Update: 20250819T235459+0000

Ratings and Alerts

- Head to head comparison of available commercial antibodies against Sequestosome-1 antigen using a knockout cell line by immunoblot (Western blot), immunoprecipitation and immunofluorescence. - YCHarOS
<https://doi.org/10.5281/zenodo.4818440>

No alerts have been found for P62/SQSTM1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Wu O, et al. (2026) METTL3 regulates γ -KG-dependent mitophagy and apoptosis in nucleus pulposus cells through the MALAT1/miR-23c/IDH1 axis. Cell reports, 45(1), 116793.

Yang H, et al. (2025) 7 I, a structurally modified sinomenine, exerts dual anti-GBM effects by inhibiting glioblastoma proliferation and inducing necroptosis which further mediates lysosomal cell death. British journal of pharmacology, 182(10), 2310.

Ghosh K, et al. (2025) Genetic perturbation of cellular homeostasis regulates integrated stress response signaling to control Drosophila hematopoiesis. Biology open, 14(7).

Yang J, et al. (2025) TM9SF3 is a Golgi-resident ATG8-binding protein essential for Golgi-selective autophagy. Developmental cell.

Tahmasebinia F, et al. (2025) The 40S ribosomal subunit recycling complex modulates mitochondrial dynamics and endoplasmic reticulum - mitochondria tethering at mitochondrial fission/fusion hotspots. Nature communications, 16(1), 1021.

Li X, et al. (2025) Accumulation of Damaging Lipids in the Arf1-Ablated Neurons Promotes Neurodegeneration through Releasing mtDNA and Activating Inflammatory Pathways in Microglia. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(16), e2414260.

Scialò C, et al. (2025) Seeded aggregation of TDP-43 induces its loss of function and reveals early pathological signatures. Neuron, 113(10), 1614.

Feng Q, et al. (2025) Macrophage extracellular traps as key mediators of scleral remodeling in myopia induced by hypoxia and activated platelets. Cell reports, 44(6), 115771.

Zhou Y, et al. (2025) Post-translational switch of DHCR24 acetylation sustains sterol synthesis and promotes HCC via the 7-ketocholesterol/p62 axis. Cell reports, 44(12),

116640.

Xu Y, et al. (2025) The cGAS-STING pathway activates transcription factor TFEB to stimulate lysosome biogenesis and pathogen clearance. *Immunity*, 58(2), 309.

Zhang D, et al. (2025) Glutamine binds HSC70 to transduce signals inhibiting IFN- γ -mediated immunogenic cell death. *Developmental cell*, 60(14), 1958.

Yu C, et al. (2025) TRIM47 promotes head and neck squamous cell carcinoma malignant progression by degrading XAF1 through ubiquitination. *iScience*, 28(1), 111590.

Li A, et al. (2025) Lactylation of LSD1 is an acquired epigenetic vulnerability of BRAFi/MEKi-resistant melanoma. *Developmental cell*, 60(14), 1974.

Ying R, et al. (2024) RPGR is a guanine nucleotide exchange factor for the small GTPase RAB37 required for retinal function via autophagy regulation. *Cell reports*, 43(4), 114010.

Dong J, et al. (2024) Roseburia intestinalis sensitizes colorectal cancer to radiotherapy through the butyrate/OR51E1/RALB axis. *Cell reports*, 43(3), 113846.

Cheng PP, et al. (2024) PM2.5 exposure-induced senescence-associated secretory phenotype in airway smooth muscle cells contributes to airway remodeling. *Environmental pollution (Barking, Essex : 1987)*, 347, 123674.

Lin K, et al. (2024) Disrupted methionine cycle triggers muscle atrophy in cancer cachexia through epigenetic regulation of REDD1. *Cell metabolism*.

Liu Y, et al. (2024) Translocational attenuation mediated by the PERK-SRP14 axis is a protective mechanism of unfolded protein response. *Cell reports*, 43(7), 114402.

Pan Z, et al. (2024) Sestrin2 remedies neuroinflammatory response by inhibiting A1 astrocyte conversion via autophagy. *Journal of neurochemistry*, 168(9), 2640.

Wang X, et al. (2024) hnRNPA2B1 represses the disassembly of arsenite-induced stress granules and is essential for male fertility. *Cell reports*, 43(2), 113769.