

# Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

## P62/SQSTM1 antibody

RRID:AB\_10694431

Type: Antibody

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### Proper Citation

Proteintech Cat# 18420-1-AP, RRID:AB\_10694431

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10694431](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

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 66 mentions in open access literature.

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

Huang X, et al. (2026) KNSTRN knockdown impairs autophagy flux to inhibit bladder cancer progression. *iScience*, 29(2), 114734.

Zhang M, et al. (2026) Microglia prune developing cortical blood vessels through PD-1 signaling. *Nature neuroscience*.

Zhang Y, et al. (2026) FAM134B-mediated ER-phagy degrades APP and suppresses Alzheimer's disease pathology. *The EMBO journal*, 45(13), 4492.

Liu X, et al. (2026) Tucatinib alleviates postmenopausal osteoporosis by suppressing osteoclast differentiation via regulating the DRP1/NFATc1/CTSK signaling pathway. *Biochemical pharmacology*, 250(Pt 1), 117962.

Chen Z, et al. (2026) USP1 promotes hepatocellular carcinoma progression by modulating mitophagy via stabilizing MCM3 to regulate the Keap1-Nrf2 axis. *iScience*, 29(3), 114927.

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

Guo S, et al. (2026) Rapamycin Reduces Amyloid- $\beta$  Plaques and Improves Behavioral Performance in a Sex-Dependent Manner in Mouse Models of Amyloidosis. *CNS neuroscience & therapeutics*, 32(3), e70807.

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.

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.

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

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.

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- $\gamma$ -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.

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.