

Resource Summary Report

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Recombinant Anti-SQSTM1 / p62 antibody [EPR4844] - Autophagosome Marker

RRID:AB_2810880

Type: Antibody

Proper Citation

Abcam Cat# ab109012, RRID:AB_2810880

Antibody Information

URL: http://antibodyregistry.org/AB_2810880

Proper Citation: Abcam Cat# ab109012, RRID:AB_2810880

Target Antigen: SQSTM1 / p62

Host Organism: rabbit

Clonality: recombinant

Comments: Applications: WB, Flow Cyt, ICC/IF
Validation: data for WB is available from YCharOS.
<https://doi.org/10.5281/zenodo.4818440>

Antibody Name: Recombinant Anti-SQSTM1 / p62 antibody [EPR4844] -
Autophagosome Marker

Description: This recombinant targets SQSTM1 / p62

Target Organism: rat, mouse, human

Clone ID: EPR4844

Antibody ID: AB_2810880

Vendor: Abcam

Catalog Number: ab109012

Record Creation Time: 20250819T224740+0000

Record Last Update: 20250820T031939+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 Recombinant Anti-SQSTM1 / p62 antibody [EPR4844] - Autophagosome Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 62 mentions in open access literature.

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

Lin Y, et al. (2026) Placental Pathology and HTRA4-Mediated Autophagic Flux Disruption in Selective Fetal Growth Restriction Types I and III: A Morphological and Transcriptomic Study. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(2), e71471.

Mao Y, et al. (2026) AMPK γ 2 signals amino acid insufficiency to inhibit protein synthesis. Cell metabolism, 38(1), 192.

Kim H, et al. (2026) Distinct autophagy impairment mechanisms of huntingtin aggregates with different polyQ lengths. Cell chemical biology, 33(4), 474.

Ye Q, et al. (2026) Akt2 regulates autophagy and osteogenesis in diabetic osteoporosis via PI3K/AKT/mTOR signaling axis. Bone, 204, 117770.

Jiang N, et al. (2026) TP53BP2 Promotes Placental Autophagy and Preeclampsia via G9a and DNMT1 Cooperatively Modulating E2F1. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(10), e16408.

Yu L, et al. (2026) Activin A enhances neurofunctional recovery following traumatic spinal cord injury by inhibiting autophagy. Neural regeneration research, 21(6), 2485.

Simpson D, et al. (2026) Neurovascular large artery dilatation increases the risk for Alzheimer's disease pathology. Neurobiology of disease, 223, 107368.

Kim W, et al. (2026) Phospho-JNK agonists show promising effects for the treatment of hepatocellular carcinoma. iScience, 29(6), 116005.

Gu Z, et al. (2026) High intensity 40 Hz flicker improves amyloid pathology and cognition with autophagy in 3xTg mice. iScience, 29(6), 115994.

Zhang Y, et al. (2026) FTO Regulates Autophagy and Energy Metabolism in Sepsis-Induced Cardiomyopathy: Insights From Integrated Transcriptome and Proteome Analysis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(11), e71985.

Lee JS, et al. (2025) Pressure to evade cell-autonomous innate sensing reveals interplay between mitophagy, IFN signaling, and SARS-CoV-2 evolution. Cell reports, 44(1), 115115.

Croce KR, et al. (2025) A rare genetic variant confers resistance to neurodegeneration across multiple neurological disorders by augmenting selective autophagy. Neuron.

Shen H, et al. (2025) Reactive oxygen species-responsive hydrogel loaded with melatonin as a minimally invasive treatment for myocardial I/R injury. iScience, 28(7), 112834.

Yin M, et al. (2025) Low-grade chronic inflammatory stimulation alleviates α -syn accumulation in Parkinson's disease by activating autophagy to promote neuronal survival in the Thy1-h[A30P]- α -syn mouse model. Behavioural brain research, 494, 115703.

Ding R, et al. (2025) Astragaloside IV alleviates hypoxic pulmonary hypertension by inhibiting RELM- α to reduce PINK1/Parkin-mediated mitophagy in pulmonary artery smooth muscle cells (PASMCs). British journal of pharmacology.

Liu Y, et al. (2025) Dual ferroptosis induction in N2-TANs and TNBC cells via FTH1 targeting: A therapeutic strategy for triple-negative breast cancer. Cell reports. Medicine, 6(1), 101915.

Wang Z, et al. (2025) Actions of dexmedetomidine in regulating NLRP3 in postoperative cognitive dysfunction in aged mice via the autophagy-lysosome pathway. British journal of pharmacology, 182(8), 1683.

Xie X, et al. (2025) Deubiquitinase OTUD4 Stabilizes SLC5A2 to Promote Pancreatic Cancer Proliferation and Migration Through Enchanting Glycolysis-Mediated Autophagy. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(14), e70880.

Zhang WG, et al. (2025) Tomatidine Ameliorates Diabetes-Induced Cognitive Impairment and Tau Hyperphosphorylation Through the AMPK-TFEB Pathway. Journal of neurochemistry, 169(5), e70087.

Huang Z, et al. (2025) Platelet-rich plasma alleviates skin photoaging by activating autophagy and inhibiting inflammasome formation. Naunyn-Schmiedeberg's archives of pharmacology, 398(7), 8669.