Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

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: 20241016T222958+0000

Record Last Update: 20241016T225953+0000

Ratings and Alerts

- Validation: data for WB is available from YCharOS. - 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 39 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Long Z, et al. (2025) Enhanced autophagic clearance of amyloid-? via histone deacetylase 6-mediated V-ATPase assembly and lysosomal acidification protects against Alzheimer's disease in vitro and in vivo. Neural regeneration research, 20(9), 2633.

Pang JD, et al. (2024) Trichinella spiralis inhibits myoblast differentiation by targeting SQSTM1/p62 with a secreted E3 ubiquitin ligase. iScience, 27(3), 109102.

Fernandez MC, et al. (2024) CT135 mediates the resistance of Chlamydia trachomatis to primate interferon gamma stimulated immune defenses. iScience, 27(6), 110143.

Sun F, et al. (2024) AdipoRon promotes amyloid-? clearance through enhancing autophagy via nuclear GAPDH-induced sirtuin 1 activation in Alzheimer's disease. British journal of pharmacology, 181(17), 3039.

Sung W, et al. (2024) Progranulin haploinsufficiency mediates cytoplasmic TDP-43 aggregation with lysosomal abnormalities in human microglia. Journal of neuroinflammation, 21(1), 47.

Lee B, et al. (2024) SARS-CoV-2 infection exacerbates the cellular pathology of Parkinson's disease in human dopaminergic neurons and a mouse model. Cell reports. Medicine, 5(5), 101570.

He J, et al. (2024) SENP1 facilitates OM-MSC differentiation through activating OPTN-mediated mitophagy to mitigate the neurologic impairment following ICH. iScience, 27(6),

109865.

Zou W, et al. (2024) Lysosomal dynamics regulate mammalian cortical neurogenesis. Developmental cell, 59(1), 64.

Zhu W, et al. (2024) Activation of hepatic adenosine A1 receptor ameliorates MASH via inhibiting SREBPs maturation. Cell reports. Medicine, 5(3), 101477.

Zhang C, et al. (2024) Methionine secreted by tumor-associated pericytes supports cancer stem cells in clear cell renal carcinoma. Cell metabolism, 36(4), 778.

Hu J, et al. (2023) Hypermethylation of RNF125 promotes autophagy-induced oxidative stress in asthma by increasing HMGB1 stability. iScience, 26(8), 107503.

Wen H, et al. (2023) Hypoxic postconditioning restores mitophagy against transient global cerebral ischemia via Parkin-induced posttranslational modification of TBK1. Neurobiology of disease, 179, 106043.

Ayoubi R, et al. (2023) The identification of high-performing antibodies for Sequestosome-1 for use in Western blot, immunoprecipitation and immunofluorescence. F1000Research, 12, 324.

Pathak T, et al. (2023) Correction: Dichotomous role of the human mitochondrial Na+/Ca2+/Li+ exchanger NCLX in colorectal cancer growth and metastasis. eLife, 12.

Dharshika C, et al. (2023) Stimulator of interferon genes (STING) expression in the enteric nervous system and contributions of glial STING in disease. Neurogastroenterology and motility, 35(7), e14553.

Guo X, et al. (2023) Mof plays distinct roles in hepatic lipid metabolism under healthy or non-alcoholic fatty liver conditions. iScience, 26(12), 108446.

Qu Y, et al. (2023) Targeted down-regulation of SRSF1 exerts anti-cancer activity in OSCC through impairing lysosomal function and autophagy. iScience, 26(12), 108330.

Lebœuf M, et al. (2023) ENGRAILED-1 transcription factor has a paracrine neurotrophic activity on adult spinal ?-motoneurons. EMBO reports, 24(8), e56525.

Guo X, et al. (2023) Autophagy is involved in degradation of AQP1 in response to an acute decrement in tonicity. iScience, 26(12), 108485.

Yu Q, et al. (2022) Sox9 mediates autophagy-dependent vascular smooth muscle cell phenotypic modulation and transplant arteriosclerosis. iScience, 25(10), 105161.