

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Atg3 Antibody

RRID:AB_2059244

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3415, RRID:AB_2059244

Antibody Information

URL: http://antibodyregistry.org/AB_2059244

Proper Citation: Cell Signaling Technology Cat# 3415, RRID:AB_2059244

Target Antigen: Atg3

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10358580, AB_10859366, AB_2059244.

Antibody Name: Atg3 Antibody

Description: This polyclonal targets Atg3

Target Organism: b, c, dg, rat, xenopusamphibian, h, canine, m, mouse, r, chickenbird, x, bovine, human, mk

Antibody ID: AB_2059244

Vendor: Cell Signaling Technology

Catalog Number: 3415

Record Creation Time: 20250820T040830+0000

Record Last Update: 20250820T180943+0000

Ratings and Alerts

No rating or validation information has been found for Atg3 Antibody.

No alerts have been found for Atg3 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Lim JS, et al. (2024) Energy?stress?mediated activation of AMPK sensitizes MPS1 kinase inhibition in triple?negative breast cancer. *Oncology reports*, 52(2).

Qin L, et al. (2024) Chronic hypoxia stabilizes 3?HSD1 via autophagy suppression. *Cell reports*, 43(1), 113575.

Rockhold JD, et al. (2024) Everolimus alleviates CD4+ T cell inflammation by regulating autophagy and cellular redox homeostasis. *GeroScience*, 46(6), 5681.

Flintoaca Alexandru PR, et al. (2023) EDEM1 regulates the insulin mRNA level by inhibiting the endoplasmic reticulum stress-induced IRE1/JNK/c-Jun pathway. *iScience*, 26(10), 107956.

Song T, et al. (2023) TRIM28 represses renal cell carcinoma cell proliferation by inhibiting TFE3/KDM6A-regulated autophagy. *The Journal of biological chemistry*, 299(5), 104621.

Han JH, et al. (2022) Garcinia cambogia attenuates adipogenesis by affecting CEBPB and SQSTM1/p62-mediated selective autophagic degradation of KLF3 through RPS6KA1 and STAT3 suppression. *Autophagy*, 18(3), 518.

Berton S, et al. (2022) A selective PPM1A inhibitor activates autophagy to restrict the survival of *Mycobacterium tuberculosis*. *Cell chemical biology*, 29(7), 1126.

Chryplewicz A, et al. (2022) Cancer cell autophagy, reprogrammed macrophages, and remodeled vasculature in glioblastoma triggers tumor immunity. *Cancer cell*, 40(10), 1111.

Kim SJ, et al. (2022) Humanin-induced autophagy plays important roles in skeletal muscle function and lifespan extension. *Biochimica et biophysica acta. General subjects*, 1866(1), 130017.

Schlütermann D, et al. (2021) FIP200 controls the TBK1 activation threshold at SQSTM1/p62-positive condensates. *Scientific reports*, 11(1), 13863.

Towers CG, et al. (2021) Mitochondrial-derived vesicles compensate for loss of LC3-mediated mitophagy. *Developmental cell*, 56(14), 2029.

Chen D, et al. (2020) Inositol Polyphosphate Multikinase Inhibits Liquid-Liquid Phase Separation of TFEB to Negatively Regulate Autophagy Activity. *Developmental cell*, 55(5), 588.

Lee C, et al. (2020) Selective Lysosome Membrane Turnover Is Induced by Nutrient Starvation. *Developmental cell*, 55(3), 289.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Cai J, et al. (2018) Autophagy Ablation in Adipocytes Induces Insulin Resistance and Reveals Roles for Lipid Peroxide and Nrf2 Signaling in Adipose-Liver Crosstalk. *Cell reports*, 25(7), 1708.

Li X, et al. (2017) Nucleus-Translocated ACSS2 Promotes Gene Transcription for Lysosomal Biogenesis and Autophagy. *Molecular cell*, 66(5), 684.

Guo H, et al. (2017) Atg5 Disassociates the V1V0-ATPase to Promote Exosome Production and Tumor Metastasis Independent of Canonical Macroautophagy. *Developmental cell*, 43(6), 716.

Jung J, et al. (2017) Multiplex image-based autophagy RNAi screening identifies SMCR8 as ULK1 kinase activity and gene expression regulator. *eLife*, 6.