

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Atg7 (D12B11) Rabbit mAb

RRID:AB_10831194

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 8558, RRID:AB_10831194

Antibody Information

URL: http://antibodyregistry.org/AB_10831194

Proper Citation: Cell Signaling Technology Cat# 8558, RRID:AB_10831194

Target Antigen: Atg7 (D12B11) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: Atg7 (D12B11) Rabbit mAb

Description: This monoclonal targets Atg7 (D12B11) Rabbit mAb

Target Organism: rat, (mk, b), h, m, mouse, r, non-human primate, bovine, human

Antibody ID: AB_10831194

Vendor: Cell Signaling Technology

Catalog Number: 8558

Alternative Catalog Numbers: 8558S

Record Creation Time: 20250820T005733+0000

Record Last Update: 20250820T093908+0000

Ratings and Alerts

No rating or validation information has been found for Atg7 (D12B11) Rabbit mAb.

No alerts have been found for Atg7 (D12B11) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 76 mentions in open access literature.

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

Benske TM, et al. (2026) A GluN2B disease-associated variant promotes the degradation of NMDA receptors via autophagy. *The Journal of biological chemistry*, 111147.

Shen X, et al. (2025) Targeting pancreatic cancer glutamine dependency confers vulnerability to GPX4-dependent ferroptosis. *Cell reports. Medicine*, 6(2), 101928.

Zhang Y, et al. (2025) LAMP2A-mediated neuronal hyperexcitability by enhancing NKA?1 degradation underlies depression-induced allodynia. *Cell reports*, 44(4), 115489.

Gerardo H, et al. (2025) Extracellular matrix mechanical cues (dys)regulate metabolic redox homeostasis due to impaired autophagic flux. *European journal of clinical investigation*, 55(9), e70051.

Cha JS, et al. (2025) The elucidation of the dual role of Beclin-1 in ischemic stroke through systems biology modeling. *iScience*, 28(9), 113270.

Sharma P, et al. (2025) Impaired MAPT/tau-secretory lysosomes are linked to cognitive vulnerability in Alzheimer patients. *Autophagy*, 1.

Huang M, et al. (2025) Stra8 links neuronal activity to inhibitory circuit protection in the adult mouse brain. *Cell reports*, 44(11), 116513.

Rossi M, et al. (2025) Dietary nitrate supplementation mitigates age-related changes at the neuromuscular junction in mice. *The Journal of physiology*.

Minowa-Nozawa A, et al. (2025) RabGAP1L modulates Rab7A and Rab10 to orchestrate cell-autonomous immunity. *Cell reports*, 44(5), 115599.

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.

Kim SG, et al. (2025) Triflumizole induces excessive reactive oxygen species, inhibits the GPR30/PI3K/AKT pathway, and triggers apoptosis and autophagy in GC-1 spermatogonia cells. *Pesticide biochemistry and physiology*, 213, 106486.

Wu Z, et al. (2024) Electron transport chain inhibition increases cellular dependence on purine transport and salvage. *Cell metabolism*, 36(7), 1504.

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

Zou Y, et al. (2024) Contactin -Associated protein1 Regulates Autophagy by Modulating the PI3K/AKT/mTOR Signaling Pathway and ATG4B Levels in Vitro and in Vivo. *Molecular neurobiology*.

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.

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

Fu XT, et al. (2024) Inhibition of SIRT1 relieves hepatocarcinogenesis via alleviating autophagy and inflammation. *International journal of biological macromolecules*, 278(Pt 1), 134120.

Gu Y, et al. (2024) LC3-dependent extracellular vesicles promote M-MDSC accumulation and immunosuppression in colorectal cancer. *iScience*, 27(5), 109272.

Nagaraju GP, et al. (2024) Mechanism of enhancing chemotherapy efficacy in pancreatic ductal adenocarcinoma with paricalcitol and hydroxychloroquine. *Cell reports. Medicine*, 101881.

Lascaux P, et al. (2024) TEX264 drives selective autophagy of DNA lesions to promote DNA repair and cell survival. *Cell*, 187(20), 5698.