

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

## 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](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:** 20231110T064416+0000

**Record Last Update:** 20241115T041255+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.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 64 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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

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.

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*.

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

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

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

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

Hamamoto K, et al. (2024) Unveiling the physiological impact of ESCRT-dependent autophagosome closure by targeting the VPS37A ubiquitin E2 variant-like domain. *Cell reports*, 43(12), 115016.

Yi SA, et al. (2024) mTORC1-CTLH E3 ligase regulates the degradation of HMG-CoA synthase 1 through the Pro/N-degron pathway. *Molecular cell*, 84(11), 2166.

Kurusu R, et al. (2023) Integrated proteomics identifies p62-dependent selective autophagy of the supramolecular vault complex. *Developmental cell*, 58(13), 1189.

Ohata H, et al. (2023) PROX1 induction by autolysosomal activity stabilizes persister-like state of colon cancer via feedback repression of the NOX1-mTORC1 pathway. *Cell reports*, 42(6), 112519.

Zhu Y, et al. (2023) Macrophage autophagy deficiency-induced CEBPB accumulation alleviates atopic dermatitis via impairing M2 polarization. *Cell reports*, 42(11), 113430.

Wang Y, et al. (2023) Chronic Neuronal Inactivity Utilizes the mTOR-TFEB Pathway to Drive Transcription-Dependent Autophagy for Homeostatic Up-Scaling. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(15), 2631.

Leduc-Gaudet JP, et al. (2023) Autophagy ablation in skeletal muscles worsens sepsis-induced muscle wasting, impairs whole-body metabolism, and decreases survival. *iScience*, 26(8), 107475.

Pearah A, et al. (2023) Blocking AMPK $\gamma$ S496 phosphorylation improves mitochondrial dynamics and hyperglycemia in aging and obesity. *Cell chemical biology*, 30(12), 1585.

Zhang T, et al. (2023) Autophagy collaborates with apoptosis pathways to control oligodendrocyte number. *Cell reports*, 42(8), 112943.

Hickey KL, et al. (2023) Proteome census upon nutrient stress reveals Golgiphagy membrane receptors. *Nature*, 623(7985), 167.

Saha I, et al. (2023) The AAA+ chaperone VCP disaggregates Tau fibrils and generates aggregate seeds in a cellular system. *Nature communications*, 14(1), 560.

Kuramoto K, et al. (2023) Exercise-activated hepatic autophagy via the FN1- $\alpha$ 5 $\beta$ 1 integrin pathway drives metabolic benefits of exercise. *Cell metabolism*, 35(4), 620.

Tan X, et al. (2023) Coronavirus subverts ER-phagy by hijacking FAM134B and ATL3 into p62 condensates to facilitate viral replication. *Cell reports*, 42(4), 112286.