

Resource Summary Report

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

Anti-ATG7 antibody produced in rabbit

RRID:AB_1078239

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A2856, RRID:AB_1078239

Antibody Information

URL: http://antibodyregistry.org/AB_1078239

Proper Citation: Sigma-Aldrich Cat# A2856, RRID:AB_1078239

Target Antigen: ATG7 antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Immunoprecipitation; immunoblotting: 0.5-1 mug/mL; Western Blot; Immunohistochemistry

Antibody Name: Anti-ATG7 antibody produced in rabbit

Description: This polyclonal targets ATG7 antibody produced in rabbit

Target Organism: rat, mouse, human

Antibody ID: AB_1078239

Vendor: Sigma-Aldrich

Catalog Number: A2856

Record Creation Time: 20250820T043337+0000

Record Last Update: 20250820T191814+0000

Ratings and Alerts

No rating or validation information has been found for Anti-ATG7 antibody produced in rabbit.

No alerts have been found for Anti-ATG7 antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Chen H, et al. (2025) Impaired macroautophagy in oligodendrocyte precursor cells suppresses neuronal plasticity via a senescence-associated signaling. Science advances, 11(39), eadq7665.

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. Developmental cell, 59(2), 228.

Liu J, et al. (2023) ATM-CHK2-TRIM32 axis regulates ATG7 ubiquitination to initiate autophagy under oxidative stress. Cell reports, 42(11), 113402.

Khayati K, et al. (2020) Autophagy compensates for Lkb1 loss to maintain adult mice homeostasis and survival. eLife, 9.

Wan W, et al. (2018) mTORC1-Regulated and HUWE1-Mediated WIPI2 Degradation Controls Autophagy Flux. Molecular cell, 72(2), 303.

Wei Y, et al. (2017) Prohibitin 2 Is an Inner Mitochondrial Membrane Mitophagy Receptor. Cell, 168(1-2), 224.

Biering SB, et al. (2017) Viral Replication Complexes Are Targeted by LC3-Guided Interferon-Inducible GTPases. Cell host & microbe, 22(1), 74.