

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

GABARAP (E1J4E) Rabbit mAb

RRID:AB_2798306

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 13733, RRID:AB_2798306

Antibody Information

URL: http://antibodyregistry.org/AB_2798306

Proper Citation: Cell Signaling Technology Cat# 13733, RRID:AB_2798306

Target Antigen: GABARAP

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC
Consolidation 6/2023: AB_9091

Antibody Name: GABARAP (E1J4E) Rabbit mAb

Description: This monoclonal targets GABARAP

Target Organism: h, m, r

Clone ID: Clone E1J4E

Antibody ID: AB_2798306

Vendor: Cell Signaling Technology

Catalog Number: 13733

Record Creation Time: 20250820T022856+0000

Record Last Update: 20250820T134230+0000

Ratings and Alerts

No rating or validation information has been found for GABARAP (E1J4E) Rabbit mAb.

No alerts have been found for GABARAP (E1J4E) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Gong F, et al. (2026) Calcium overload induced mitochondrial and lysosomal dysfunction is regulated by Tousled-like kinase in α -synucleinopathy. *Cell death & disease*, 17(1), 10.

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.

Gong Y, et al. (2025) CRISPR-Cas9 screening reveals G2E3 as a novel ubiquitin-linked factor controlling autophagosome-lysosome fusion and cancer cell progression. *Cell death discovery*, 11(1), 455.

Xu Y, et al. (2025) The cGAS-STING pathway activates transcription factor TFEB to stimulate lysosome biogenesis and pathogen clearance. *Immunity*, 58(2), 309.

Lieu DJ, et al. (2025) A bacterial genotoxin reveals a p53-proteasome-LC3 regulatory axis that drives the suppression of autophagy in cells experiencing sublethal DNA damage. *iScience*, 28(4), 112118.

Rodriguez MN, et al. (2025) Sex does not influence neuronal autophagosome biogenesis throughout aging in mice. *Molecular biology of the cell*, 36(11), ar135.

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

Olsen AL, et al. (2023) Nicotine-Mediated Rescue of α -Synuclein Toxicity Requires Synaptic Vesicle Glycoprotein 2 in *Drosophila*. *Movement disorders : official journal of the Movement Disorder Society*, 38(2), 244.

Gallagher ER, et al. (2023) The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. *Cell reports*, 42(2), 112037.

Wang R, et al. (2023) PINK1, Keap1, and Rtnl1 regulate selective clearance of endoplasmic reticulum during development. *Cell*, 186(19), 4172.

Nguyen TN, et al. (2021) ATG4 family proteins drive phagophore growth independently of the LC3/GABARAP lipidation system. *Molecular cell*, 81(9), 2013.

Davis OB, et al. (2021) NPC1-mTORC1 Signaling Couples Cholesterol Sensing to Organelle Homeostasis and Is a Targetable Pathway in Niemann-Pick Type C. *Developmental cell*, 56(3), 260.

Chiramel AI, et al. (2019) TRIM5 α Restricts Flavivirus Replication by Targeting the Viral Protease for Proteasomal Degradation. *Cell reports*, 27(11), 3269.

Stavoe AK, et al. (2019) Expression of WIPI2B counteracts age-related decline in autophagosome biogenesis in neurons. *eLife*, 8.

Chino H, et al. (2019) Intrinsically Disordered Protein TEX264 Mediates ER-phagy. *Molecular cell*, 74(5), 909.