

Resource Summary Report

Generated by ASWG on Aug 9, 2026

GABARAP antibody [EPR4805]

RRID:AB_10861928

Type: Antibody

Proper Citation

Abcam Cat# ab109364, RRID:AB_10861928

Antibody Information

URL: http://antibodyregistry.org/AB_10861928

Proper Citation: Abcam Cat# ab109364, RRID:AB_10861928

Target Antigen: GABARAP antibody [EPR4805]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IHC-P, WB; Immunofluorescence; Immunohistochemistry; Western Blot; Immunocytochemistry; Immunohistochemistry - fixed

Antibody Name: GABARAP antibody [EPR4805]

Description: This monoclonal targets GABARAP antibody [EPR4805]

Target Organism: rat, mouse, human

Antibody ID: AB_10861928

Vendor: Abcam

Catalog Number: ab109364

Record Creation Time: 20250819T230808+0000

Record Last Update: 20250820T042342+0000

Ratings and Alerts

No rating or validation information has been found for GABARAP antibody [EPR4805].

No alerts have been found for GABARAP antibody [EPR4805].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Chen D, et al. (2026) Spatially Resolved Multiomics Reveals Metabolic Remodeling and Autophagy Activation in Adamantinomatous Craniopharyngiomas. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e16965.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. Neuron, 114(12), 2199.

Fricke M, et al. (2026) Knockout of the LRRK2-counteracting RAB phosphatase PPM1H disrupts axonal autophagy and exacerbates alpha-synuclein aggregation. Cell reports, 45(6), 117364.

Tzou FY, et al. (2025) Dihydroceramide desaturase modulates autolysosome maturation and ameliorates CRB1 retinopathy. Biochimica et biophysica acta. Molecular basis of disease, 1871(5), 167736.

Liu TW, et al. (2025) The steroid hormone 20-hydroxyecdysone inhibits RAPTOR expression by repressing Hox gene transcription to induce autophagy. The Journal of biological chemistry, 301(1), 108093.

Basak B, et al. (2025) Mitochondrial damage triggers the concerted degradation of negative regulators of neuronal autophagy. Nature communications, 16(1), 7367.

Ho-Xuan H, et al. (2025) YTHDF proteins and m6A-RNA clients undergo autophagic turnover during contact inhibition. Cell reports, 44(9), 116188.

Oh S, et al. (2025) A role for CASM in the repair of damaged Golgi architecture. bioRxiv : the preprint server for biology.

Luo F, et al. (2024) Notch signaling promotes differentiation, cell death and autophagy in Drosophila hematopoietic system. Insect biochemistry and molecular biology, 173, 104176.

Zhang J, et al. (2024) Maintaining Toll signaling in Drosophila brain is required to sustain autophagy for dopamine neuron survival. iScience, 27(2), 108795.

Mou W, et al. (2024) Upregulation of neuronal ER-phagy improves organismal fitness and alleviates APP toxicity. Cell reports, 43(5), 114255.

Dutta SB, et al. (2023) EGFR-dependent suppression of synaptic autophagy is required for neuronal circuit development. *Current biology : CB*, 33(3), 517.

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.

Thakur RS, et al. (2023) PDZD8 promotes autophagy at ER-Lysosome contact sites to regulate synaptogenesis. *bioRxiv : the preprint server for biology*.

Li H, et al. (2023) The Activation of Reticulophagy by ER Stress through the ATF4-MAP1LC3A-CCPG1 Pathway in Ovarian Granulosa Cells Is Linked to Apoptosis and Necroptosis. *International journal of molecular sciences*, 24(3).

Jiao J, et al. (2023) Modulation of protease expression by the transcription factor Ptx1/PITX regulates protein quality control during aging. *Cell reports*, 42(1), 111970.

Wang XP, et al. (2023) 20-hydroxyecdysone reprograms amino acid metabolism to support the metamorphic development of *Helicoverpa armigera*. *Cell reports*, 42(6), 112644.

Harding O, et al. (2023) Damaged mitochondria recruit the effector NEMO to activate NF- κ B signaling. *Molecular cell*, 83(17), 3188.

Mende H, et al. (2023) An atypical GABARAP binding module drives the pro-autophagic potential of the AML-associated NPM1c variant. *Cell reports*, 42(12), 113484.

Nandi N, et al. (2022) A phosphoswitch at acinus-serine437 controls autophagic responses to cadmium exposure and neurodegenerative stress. *eLife*, 11.