

# Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

## ATG9A antibody [EPR2450(2)]

RRID:AB\_10863880

Type: Antibody

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### Proper Citation

Abcam Cat# ab108338, RRID:AB\_10863880

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10863880](http://antibodyregistry.org/AB_10863880)

**Proper Citation:** Abcam Cat# ab108338, RRID:AB\_10863880

**Target Antigen:** ATG9A antibody [EPR2450(2)]

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ICC, IHC-P, IP, WB; Immunoprecipitation; Immunocytochemistry; Immunohistochemistry - fixed; Immunohistochemistry; Western Blot

**Antibody Name:** ATG9A antibody [EPR2450(2)]

**Description:** This monoclonal targets ATG9A antibody [EPR2450(2)]

**Target Organism:** rat, mouse, human

**Antibody ID:** AB\_10863880

**Vendor:** Abcam

**Catalog Number:** ab108338

**Record Creation Time:** 20250819T213023+0000

**Record Last Update:** 20250819T231034+0000

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### Ratings and Alerts

No rating or validation information has been found for ATG9A antibody [EPR2450(2)].

No alerts have been found for ATG9A antibody [EPR2450(2)].

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Zhu W, et al. (2026) Phosphoproteomics identifies Rho-kinase-associated phospho-signaling and autophagy-associated alterations in the medial prefrontal cortex of a schizophrenia-related mouse model. *Pharmacological research*, 228, 108201.

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.

Hanna MG, et al. (2025) BLTP3A is associated with membranes of the late endocytic pathway and is an effector of CASM. *The EMBO journal*, 44(21), 6168.

Wu Z, et al. (2024) Rab32 family proteins regulate autophagosomal components recycling. *The Journal of cell biology*, 223(3).

Wang N, et al. (2023) Decoding transcriptomic signatures of Cysteine String Protein alpha-mediated synapse maintenance. *bioRxiv : the preprint server for biology*.

Festa BP, et al. (2023) Microglial-to-neuronal CCR5 signaling regulates autophagy in neurodegeneration. *Neuron*, 111(13), 2021.

Lecordier L, et al. (2023) Apolipoproteins L1 and L3 control mitochondrial membrane dynamics. *Cell reports*, 42(12), 113528.

Davies AK, et al. (2022) AP-4-mediated axonal transport controls endocannabinoid production in neurons. *Nature communications*, 13(1), 1058.

Yang S, et al. (2022) Presynaptic autophagy is coupled to the synaptic vesicle cycle via ATG-9. *Neuron*, 110(5), 824.

Wang YT, et al. (2022) K48/K63-linked polyubiquitination of ATG9A by TRAF6 E3 ligase regulates oxidative stress-induced autophagy. *Cell reports*, 38(8), 110354.

Zhou C, et al. (2022) Recycling of autophagosomal components from autolysosomes by the recycler complex. *Nature cell biology*, 24(4), 497.

Sharoar MG, et al. (2021) Accumulation of saposin in dystrophic neurites is linked to impaired lysosomal functions in Alzheimer's disease brains. *Molecular neurodegeneration*, 16(1), 45.

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

Zellner S, et al. (2021) Autophagosome content profiling using proximity biotinylation proteomics coupled to protease digestion in mammalian cells. *STAR protocols*, 2(2), 100506.

Zellner S, et al. (2021) Systematically defining selective autophagy receptor-specific cargo using autophagosome content profiling. *Molecular cell*, 81(6), 1337.

Yamano K, et al. (2020) Critical role of mitochondrial ubiquitination and the OPTN-ATG9A axis in mitophagy. *The Journal of cell biology*, 219(9).

Guardia CM, et al. (2020) Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. *Cell reports*, 31(13), 107837.

Sharoar MG, et al. (2019) Sequential formation of different layers of dystrophic neurites in Alzheimer's brains. *Molecular psychiatry*, 24(9), 1369.

Le Guerrou F, et al. (2017) Autophagosomal Content Profiling Reveals an LC3C-Dependent Piecemeal Mitophagy Pathway. *Molecular cell*, 68(4), 786.