

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

Phospho-Atg14 (Ser29) (D4B8M) Rabbit mAb

RRID:AB_2800182

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 92340, RRID:AB_2800182

Antibody Information

URL: http://antibodyregistry.org/AB_2800182

Proper Citation: Cell Signaling Technology Cat# 92340, RRID:AB_2800182

Target Antigen: ATG14

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC

Antibody Name: Phospho-Atg14 (Ser29) (D4B8M) Rabbit mAb

Description: This monoclonal targets ATG14

Target Organism: h, m, r

Clone ID: Clone D4B8M

Antibody ID: AB_2800182

Vendor: Cell Signaling Technology

Catalog Number: 92340

Record Creation Time: 20250820T045024+0000

Record Last Update: 20250820T200433+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Atg14 (Ser29) (D4B8M) Rabbit mAb.

No alerts have been found for Phospho-Atg14 (Ser29) (D4B8M) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Woo SM, et al. (2026) Inhibiting Fatty Acid Oxidation Reverses Autophagy-Mediated Acquired Chemotherapy Resistance in Pancreatic Ductal Adenocarcinoma. *Cancer research*, 86(13), 3194.

Stavrides P, et al. (2025) mTOR inhibition in Q175 Huntington's disease model mice facilitates neuronal autophagy and mutant huntingtin clearance. *eLife*, 14.

Bagh MB, et al. (2024) Disruption of lysosomal nutrient sensing scaffold contributes to pathogenesis of a fatal neurodegenerative lysosomal storage disease. *The Journal of biological chemistry*, 300(2), 105641.

Sankar DS, et al. (2024) The ULK1 effector BAG2 regulates autophagy initiation by modulating AMBRA1 localization. *Cell reports*, 43(9), 114689.

Longo M, et al. (2024) Opposing roles for AMPK in regulating distinct mitophagy pathways. *Molecular cell*, 84(22), 4350.

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.

Nguyen TN, et al. (2023) Unconventional initiation of PINK1/Parkin mitophagy by Optineurin. *Molecular cell*, 83(10), 1693.

Chen W, et al. (2023) Nutrient-sensing AgRP neurons relay control of liver autophagy during energy deprivation. *Cell metabolism*, 35(5), 786.

Nguyen A, et al. (2023) Metamorphic proteins at the basis of human autophagy initiation and lipid transfer. *Molecular cell*, 83(12), 2077.

Hawley SA, et al. (2023) BAY-3827 and SBI-0206965: Potent AMPK Inhibitors That Paradoxically Increase Thr172 Phosphorylation. *International journal of molecular sciences*, 25(1).

Long M, et al. (2022) DGAT1 activity synchronises with mitophagy to protect cells from metabolic rewiring by iron depletion. *The EMBO journal*, 41(10), e109390.

Hu Z, et al. (2021) ULK1 phosphorylation of striatin activates protein phosphatase 2A and autophagy. *Cell reports*, 36(13), 109762.

Nguyen TTP, et al. (2021) SREBP-1c impairs ULK1 sulfhydration-mediated autophagic flux to promote hepatic steatosis in high-fat-diet-fed mice. *Molecular cell*, 81(18), 3820.

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