

Resource Summary Report

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Atg13

RRID:AB_2797419

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 13468, RRID:AB_2797419)

Antibody Information

URL: http://antibodyregistry.org/AB_2797419

Proper Citation: (Cell Signaling Technology Cat# 13468, RRID:AB_2797419)

Target Antigen: Atg13

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, IP, IF

Antibody Name: Atg13

Description: This monoclonal targets Atg13

Target Organism: human

Clone ID: E1Y9V

Antibody ID: AB_2797419

Vendor: Cell Signaling Technology

Catalog Number: 13468

Record Creation Time: 20231110T032818+0000

Record Last Update: 20240725T092947+0000

Ratings and Alerts

No rating or validation information has been found for Atg13.

No alerts have been found for Atg13.

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 [FDI Lab - SciCrunch.org](#).

Zheng Q, et al. (2025) Ca²⁺/calmodulin-dependent protein kinase II ? decodes ER Ca²⁺ transients to trigger autophagosome formation. Molecular cell, 85(3), 620.

Saha B, et al. (2024) TBK1 is ubiquitinated by TRIM5? to assemble mitophagy machinery. Cell reports, 43(6), 114294.

Wang Z, et al. (2023) Cellular proteins act as surfactants to control the interfacial behavior and function of biological condensates. Developmental cell, 58(11), 919.

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

Wang F, et al. (2023) ATG5 provides host protection acting as a switch in the atg8ylation cascade between autophagy and secretion. Developmental cell, 58(10), 866.

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

Ikeda R, et al. (2023) Phosphorylation of phase-separated p62 bodies by ULK1 activates a redox-independent stress response. The EMBO journal, 42(14), e113349.

Sun Y, et al. (2023) V-ATPase recruitment to ER exit sites switches COPII-mediated transport to lysosomal degradation. Developmental cell, 58(23), 2761.

Zheng Q, et al. (2022) Calcium transients on the ER surface trigger liquid-liquid phase separation of FIP200 to specify autophagosome initiation sites. Cell, 185(22), 4082.

Yamamoto-Imoto H, et al. (2022) Age-associated decline of MondoA drives cellular senescence through impaired autophagy and mitochondrial homeostasis. Cell reports, 38(9), 110444.

Saha B, et al. (2022) Interactomic analysis reveals a homeostatic role for the HIV restriction factor TRIM5 α in mitophagy. Cell reports, 39(6), 110797.

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

Durgan J, et al. (2021) Non-canonical autophagy drives alternative ATG8 conjugation to phosphatidylserine. Molecular cell, 81(9), 2031.

Odle RI, et al. (2020) An mTORC1-to-CDK1 Switch Maintains Autophagy Suppression during Mitosis. Molecular cell, 77(2), 228.

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