

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 28, 2025

## ULK1 (R600) Antibody

RRID:AB\_2288252

Type: Antibody

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### Proper Citation

(Cell Signaling Technology Cat# 4773, RRID:AB\_2288252)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2288252](http://antibodyregistry.org/AB_2288252)

**Proper Citation:** (Cell Signaling Technology Cat# 4773, RRID:AB\_2288252)

**Target Antigen:** ULK1

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W

**Antibody Name:** ULK1 (R600) Antibody

**Description:** This polyclonal targets ULK1

**Target Organism:** human

**Antibody ID:** AB\_2288252

**Vendor:** Cell Signaling Technology

**Catalog Number:** 4773

**Record Creation Time:** 20231110T045256+0000

**Record Last Update:** 20241115T123330+0000

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### Ratings and Alerts

No rating or validation information has been found for ULK1 (R600) Antibody.

No alerts have been found for ULK1 (R600) Antibody.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Pang JD, et al. (2024) Trichinella spiralis inhibits myoblast differentiation by targeting SQSTM1/p62 with a secreted E3 ubiquitin ligase. iScience, 27(3), 109102.

Wei Y, et al. (2023) Loss of  $\alpha$ -1,2-mannosidase MAN1C1 promotes tumorigenesis of intrahepatic cholangiocarcinoma through enhancing CD133-FIP200 interaction. Cell reports, 42(12), 113588.

Arlien-Søborg MC, et al. (2023) Whole-body and forearm muscle protein metabolism in patients with acromegaly before and after treatment. The Journal of clinical endocrinology and metabolism.

Morrison KR, et al. (2022) An AMPK $\gamma$ 2-specific phospho-switch controls lysosomal targeting for activation. Cell reports, 38(7), 110365.

Han JH, et al. (2022) Snail acetylation by autophagy-derived acetyl-coenzyme A promotes invasion and metastasis of KRAS-LKB1 co-mutated lung cancer cells. Cancer communications (London, England), 42(8), 716.

Karabiyik C, et al. (2021) Glucose starvation induces autophagy via ULK1-mediated activation of PIKfyve in an AMPK-dependent manner. Developmental cell, 56(13), 1961.

Ganesan D, et al. (2020) Astroglial biotin deprivation under endoplasmic reticulum stress uncouples BCAA-mTORC1 role in lipid synthesis to prolong autophagy inhibition in the aging brain. Journal of neurochemistry, 154(5), 562.

Muraleedharan R, et al. (2020) AMPK-Regulated Astrocytic Lactate Shuttle Plays a Non-Cell-Autonomous Role in Neuronal Survival. Cell reports, 32(9), 108092.

Son SM, et al. (2019) Leucine Signals to mTORC1 via Its Metabolite Acetyl-Coenzyme A. Cell metabolism, 29(1), 192.

Fitzwalter BE, et al. (2018) Autophagy Inhibition Mediates Apoptosis Sensitization in Cancer Therapy by Relieving FOXO3a Turnover. *Developmental cell*, 44(5), 555.