## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 18, 2025

# Rabbit Anti-LKB1, phospho (Ser428) Monoclonal Antibody, Unconjugated, Clone C67A3

RRID:AB\_2198321 Type: Antibody

**Proper Citation** 

(Cell Signaling Technology Cat# 3482, RRID:AB\_2198321)

## Antibody Information

URL: http://antibodyregistry.org/AB\_2198321

Proper Citation: (Cell Signaling Technology Cat# 3482, RRID:AB\_2198321)

Target Antigen: LKB1, phospho (Ser428)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W

**Antibody Name:** Rabbit Anti-LKB1, phospho (Ser428) Monoclonal Antibody, Unconjugated, Clone C67A3

Description: This monoclonal targets LKB1, phospho (Ser428)

Target Organism: monkey, rat, simian, mouse, human

Clone ID: Clone C67A3

Antibody ID: AB\_2198321

Vendor: Cell Signaling Technology

Catalog Number: 3482

Alternative Catalog Numbers: 3482P, 3482S

#### Record Creation Time: 20231110T052628+0000

Record Last Update: 20241115T050926+0000

## **Ratings and Alerts**

No rating or validation information has been found for Rabbit Anti-LKB1, phospho (Ser428) Monoclonal Antibody, Unconjugated, Clone C67A3.

No alerts have been found for Rabbit Anti-LKB1, phospho (Ser428) Monoclonal Antibody, Unconjugated, Clone C67A3.

### Data and Source Information

Source: <u>Antibody Registry</u>

## **Usage and Citation Metrics**

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Sun J, et al. (2024) Metabolic regulator LKB1 controls adipose tissue ILC2 PD-1 expression and mitochondrial homeostasis to prevent insulin resistance. Immunity, 57(6), 1289.

Liu M, et al. (2024) Kidney organoid models reveal cilium-autophagy metabolic axis as a therapeutic target for PKD both in vitro and in vivo. Cell stem cell, 31(1), 52.

Niu H, et al. (2024) LKB1 prevents ILC2 exhaustion to enhance antitumor immunity. Cell reports, 43(5), 113579.

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. Cell reports, 43(12), 114984.

Aoi W, et al. (2023) Exercise-acclimated microbiota improves skeletal muscle metabolism via circulating bile acid deconjugation. iScience, 26(3), 106251.

Hopp K, et al. (2022) Weight loss and cystic disease progression in autosomal dominant polycystic kidney disease. iScience, 25(1), 103697.

Brody AH, et al. (2022) Alzheimer risk gene product Pyk2 suppresses tau phosphorylation and phenotypic effects of tauopathy. Molecular neurodegeneration, 17(1), 32.

Ding S, et al. (2022) Astilbin Activates the Reactive Oxidative Species/PPAR? Pathway to Suppress Effector CD4+ T Cell Activities via Direct Binding With Cytochrome P450 1B1. Frontiers in pharmacology, 13, 848957.

Wu G, et al. (2022) The lactate receptor GPR81 mediates hepatic lipid metabolism and the therapeutic effect of metformin on experimental NAFLDs. European journal of pharmacology, 924, 174959.

Kim YS, et al. (2022) Induction of the hepatic aryl hydrocarbon receptor by alcohol dysregulates autophagy and phospholipid metabolism via PPP2R2D. Nature communications, 13(1), 6080.

Mao RW, et al. (2022) Honokiol ameliorates cisplatin-induced acute kidney injury via inhibition of mitochondrial fission. British journal of pharmacology, 179(14), 3886.

Zhang XJ, et al. (2021) Pharmacological inhibition of arachidonate 12-lipoxygenase ameliorates myocardial ischemia-reperfusion injury in multiple species. Cell metabolism, 33(10), 2059.

Ezagouri S, et al. (2019) Physiological and Molecular Dissection of Daily Variance in Exercise Capacity. Cell metabolism, 30(1), 78.

Timilshina M, et al. (2019) Activation of Mevalonate Pathway via LKB1 Is Essential for Stability of Treg Cells. Cell reports, 27(10), 2948.

Kuwako KI, et al. (2018) The LKB1-SIK Pathway Controls Dendrite Self-Avoidance in Purkinje Cells. Cell reports, 24(11), 2808.

Ji J, et al. (2018) Antagonizing peroxisome proliferator-activated receptor ? facilitates M1-to-M2 shift of microglia by enhancing autophagy via the LKB1-AMPK signaling pathway. Aging cell, 17(4), e12774.

Mori Y, et al. (2018) Glucose-Dependent Insulinotropic Polypeptide Suppresses Peripheral Arterial Remodeling in Male Mice. Endocrinology, 159(7), 2717.

Kushima H, et al. (2017) The role of endothelial nitric oxide in the anti-restenotic effects of liraglutide in a mouse model of restenosis. Cardiovascular diabetology, 16(1), 122.

Jiang X, et al. (2015) The protective effect of FGF21 on diabetes-induced male germ cell apoptosis is associated with up-regulated testicular AKT and AMPK/Sirt1/PGC-1? signaling. Endocrinology, 156(3), 1156.

Khan M, et al. (2015) Blocking a vicious cycle nNOS/peroxynitrite/AMPK by Snitrosoglutathione: implication for stroke therapy. BMC neuroscience, 16, 42.