

Resource Summary Report

Generated by [RRID](#) on Sep 10, 2026

LKB1 (Ley 37D/G6)

RRID:AB_627890

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-32245, RRID:AB_627890

Antibody Information

URL: http://antibodyregistry.org/AB_627890

Proper Citation: Santa Cruz Biotechnology Cat# sc-32245, RRID:AB_627890

Target Antigen: LKB1 (Ley 37D/G6)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P); Immunohistochemistry; Immunoprecipitation; Immunofluorescence; Western Blot; Immunocytochemistry

Antibody Name: LKB1 (Ley 37D/G6)

Description: This monoclonal targets LKB1 (Ley 37D/G6)

Target Organism: rat, mouse, human

Antibody ID: AB_627890

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-32245

Record Creation Time: 20231110T080141+0000

Record Last Update: 20260831T184009+0000

Ratings and Alerts

No rating or validation information has been found for LKB1 (Ley 37D/G6).

No alerts have been found for LKB1 (Ley 37D/G6).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Rao Z, et al. (2025) A two-strata energy flux system driven by a stress hormone prioritizes cardiac energetics. *Signal transduction and targeted therapy*, 10(1), 315.

Mao C, et al. (2024) Unraveling ETC complex I function in ferroptosis reveals a potential ferroptosis-inducing therapeutic strategy for LKB1-deficient cancers. *Molecular cell*, 84(10), 1964.

Hou J, et al. (2024) TGM1/3-mediated transamidation of Exo70 promotes tumor metastasis upon LKB1 inactivation. *Cell reports*, 43(8), 114604.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. *Nature*.

Hussein AM, et al. (2020) Metabolic Control over mTOR-Dependent Diapause-like State. *Developmental cell*, 52(2), 236.

Miao ZF, et al. (2020) A Metformin-Responsive Metabolic Pathway Controls Distinct Steps in Gastric Progenitor Fate Decisions and Maturation. *Cell stem cell*, 26(6), 910.

Khayati K, et al. (2020) Autophagy compensates for Lkb1 loss to maintain adult mice homeostasis and survival. *eLife*, 9.

Masand R, et al. (2018) Proteome Imbalance of Mitochondrial Electron Transport Chain in Brown Adipocytes Leads to Metabolic Benefits. *Cell metabolism*, 27(3), 616.

Park SJ, et al. (2017) DNA-PK Promotes the Mitochondrial, Metabolic, and Physical Decline that Occurs During Aging. *Cell metabolism*, 25(5), 1135.