

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Recombinant Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody [EPR5683]

RRID:AB_2923300

Type: Antibody

Proper Citation

Abcam Cat# ab133448, RRID:AB_2923300

Antibody Information

URL: http://antibodyregistry.org/AB_2923300

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Target Antigen: AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB

Antibody Name: Recombinant Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody [EPR5683]

Description: This recombinant monoclonal targets AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172)

Target Organism: rat, drosophila melanogaster, mouse, human

Clone ID: EPR5683

Antibody ID: AB_2923300

Vendor: Abcam

Catalog Number: ab133448

Record Creation Time: 20250819T231751+0000

Record Last Update: 20250820T045412+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody [EPR5683].

No alerts have been found for Recombinant Anti-AMPK alpha 1 (phospho T183) + AMPK alpha 2 (phospho T172) antibody [EPR5683].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Zhang J, et al. (2024) NSC48160 targets AMPK?? to ameliorate nonalcoholic steatohepatitis by inhibiting lipogenesis and mitochondrial oxidative stress. iScience, 27(1), 108614.

Li S, et al. (2024) Mitochondrial transplantation rescues Ca²⁺ homeostasis imbalance and myocardial hypertrophy in SLC25A3-related hypertrophic cardiomyopathy. Cell reports, 43(12), 115065.

Debsharma S, et al. (2024) NSAID targets SIRT3 to trigger mitochondrial dysfunction and gastric cancer cell death. iScience, 27(4), 109384.

Gao D, et al. (2023) Autophagy activation attenuates the circadian clock oscillators in U2OS cells via the ATG5 pathway. Cellular signalling, 101, 110502.

Mo L, et al. (2022) MCM7 supports the stemness of bladder cancer stem-like cells by enhancing autophagic flux. iScience, 25(9), 105029.