

# Resource Summary Report

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## Phospho-FoxO1 (Ser256) Antibody

RRID:AB\_329831

Type: Antibody

### Proper Citation

(Cell Signaling Technology Cat# 9461, RRID:AB\_329831)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_329831](http://antibodyregistry.org/AB_329831)

**Proper Citation:** (Cell Signaling Technology Cat# 9461, RRID:AB\_329831)

**Target Antigen:** Phospho-FoxO1 (Ser256)

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: W. Consolidation: AB\_10827635.

**Antibody Name:** Phospho-FoxO1 (Ser256) Antibody

**Description:** This polyclonal targets Phospho-FoxO1 (Ser256)

**Target Organism:** c, rat, h, m, mouse, r, chickenbird, zebrafishfish, z, human, mk

**Antibody ID:** AB\_329831

**Vendor:** Cell Signaling Technology

**Catalog Number:** 9461

**Alternative Catalog Numbers:** 9461P, 9461S

**Record Creation Time:** 20241016T220932+0000

**Record Last Update:** 20241016T221801+0000

### Ratings and Alerts

No rating or validation information has been found for Phospho-FoxO1 (Ser256) Antibody.

No alerts have been found for Phospho-FoxO1 (Ser256) Antibody.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 61 mentions in open access literature.

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

Bai Y, et al. (2024) Trans-omic analysis reveals opposite metabolic dysregulation between feeding and fasting in liver associated with obesity. *iScience*, 27(3), 109121.

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF $\beta$ -Smad2/3-ATF4-dependent manner. *Cell reports*, 43(5), 114149.

Uda M, et al. (2024) Effects of hindlimb unloading on the mevalonate and mechanistic target of rapamycin complex 1 signaling pathways in a fast-twitch muscle in rats. *Physiological reports*, 12(5), e15969.

Pu T, et al. (2024) Stromal-derived MAOB promotes prostate cancer growth and progression. *Science advances*, 10(6), eadi4935.

Miyamura Y, et al. (2024) FOXO1 stimulates tip cell-enriched gene expression in endothelial cells. *iScience*, 27(3), 109161.

Desingu PA, et al. (2023) PARP1 inhibition protects mice against Japanese encephalitis virus infection. *Cell reports*, 42(9), 113103.

Leduc-Gaudet JP, et al. (2023) Autophagy ablation in skeletal muscles worsens sepsis-induced muscle wasting, impairs whole-body metabolism, and decreases survival. *iScience*, 26(8), 107475.

Wang K, et al. (2023) Glucagon receptor blockage inhibits  $\beta$ -cell dedifferentiation through FoxO1. *American journal of physiology. Endocrinology and metabolism*, 324(1), E97.

Nakazawa K, et al. (2023) Piperacetazine Directly Binds to the PAX3::FOXO1 Fusion Protein and Inhibits Its Transcriptional Activity. *Cancer research communications*, 3(10), 2030.

Chen M, et al. (2023) Identification of XAF1 as an endogenous AKT inhibitor. *Cell reports*, 42(7), 112690.

Yao CC, et al. (2023) Accumulation of branched-chain amino acids reprograms glucose

metabolism in CD8+ T cells with enhanced effector function and anti-tumor response. *Cell reports*, 42(3), 112186.

Chen M, et al. (2023) CD36 regulates diurnal glucose metabolism and hepatic clock to maintain glucose homeostasis in mice. *iScience*, 26(4), 106524.

Guan F, et al. (2023) GSDMA3 deficiency reprograms cellular metabolism and modulates BCR signaling in murine B cells. *iScience*, 26(8), 107341.

Zhao Y, et al. (2022) Upregulation of FOXO1 contributes to lipopolysaccharide-induced pulmonary endothelial injury by induction of autophagy. *Annals of translational medicine*, 10(11), 630.

Ito N, et al. (2022) Slc12a8 in the lateral hypothalamus maintains energy metabolism and skeletal muscle functions during aging. *Cell reports*, 40(4), 111131.

Sekar R, et al. (2022) Vps37a regulates hepatic glucose production by controlling glucagon receptor localization to endosomes. *Cell metabolism*, 34(11), 1824.

Wang CY, et al. (2022) Involvement of FoxO1, Sp1, and Nrf2 in Upregulation of Negative Regulator of ROS by 15d-PGJ2 Attenuates H<sub>2</sub>O<sub>2</sub>-Induced IL-6 Expression in Rat Brain Astrocytes. *Neurotoxicity research*, 40(1), 154.

Liu J, et al. (2022) Metformin prevents endothelial oxidative stress and microvascular insulin resistance during obesity development in male rats. *American journal of physiology. Endocrinology and metabolism*, 322(3), E293.

Wang L, et al. (2022) TOX4, an insulin receptor-independent regulator of hepatic glucose production, is activated in diabetic liver. *Cell metabolism*, 34(1), 158.

Jiang Z, et al. (2021) Isthmin-1 is an adipokine that promotes glucose uptake and improves glucose tolerance and hepatic steatosis. *Cell metabolism*, 33(9), 1836.