

# Resource Summary Report

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## FoxO1 (C29H4) Rabbit mAb

RRID:AB\_2106495

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 2880, RRID:AB\_2106495

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2106495](http://antibodyregistry.org/AB_2106495)

**Proper Citation:** Cell Signaling Technology Cat# 2880, RRID:AB\_2106495

**Target Antigen:** FoxO1

**Host Organism:** rabbit

**Clonality:** recombinant monoclonal

**Comments:** Applications: W, IP, IHC-P, IF-IC, F

Consolidation on 7/2016: AB\_10831514

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

**Antibody Name:** FoxO1 (C29H4) Rabbit mAb

**Description:** This recombinant monoclonal targets FoxO1

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

**Clone ID:** C29H4

**Antibody ID:** AB\_2106495

**Vendor:** Cell Signaling Technology

**Catalog Number:** 2880

**Alternative Catalog Numbers:** 2880P, 2880S

**Record Creation Time:** 20250819T205222+0000

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## Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for FoxO1 (C29H4) Rabbit mAb.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 157 mentions in open access literature.

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

Li K, et al. (2026) Reversal of diet-induced obesity by central insulin sensitizer FSTL1. Neuron, 114(1), 122.

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. Cell metabolism.

Sharma AK, et al. (2026) DGAT-driven futile lipid cycling has a pronounced, yet concealed, thermogenic function. Cell metabolism.

Li D, et al. (2025) Potential Probiotic Lacticaseibacillus rhamnosus NKU FL1-11 Prevents Aging-Related Oxidative Stress and Inflammation via mTOR and FoxO Signaling Pathways in Zebrafish. Probiotics and antimicrobial proteins.

Das P, et al. (2025) The interplay between FOXO1 and glucocorticoid signaling in promoting the terminal differentiation of somatotropes. Molecular and cellular endocrinology, 606, 112573.

Zhou Q, et al. (2025) Vorapaxar enhanced mitochondria-associated ferroptosis primes cancer immunotherapy via targeting FOXO1/HMOX1 axis. Cell reports. Medicine, 102371.

Fujisawa S, et al. (2025) The transcription factor BATF pioneers the differentiation program of effector CD8+ T cells through the interaction with IRF4. Cell reports, 44(8), 116129.

Humblin E, et al. (2025) The costimulatory molecule ICOS limits memory-like properties and function of exhausted PD-1+CD8+ T cells. Immunity, 58(8), 1966.

Kucinski J, et al. (2025) Rhabdomyosarcoma fusion oncoprotein initially pioneers a neural signature in vivo. *Cell reports*, 44(7), 115923.

Oyabu M, et al. (2025) Dnmt3a overexpression disrupts skeletal muscle homeostasis, promotes an aging-like phenotype, and reduces metabolic elasticity. *iScience*, 28(4), 112144.

Ghosh A, et al. (2025) Potentiation of noncanonical NF- $\kappa$ B signaling and marginal zone B cell expansion by CARD11-mediated regulation of p100 processing. *Cell reports*, 44(12), 116616.

Tallan A, et al. (2025) Highly quantitative measurement of differential protein-genome binding with PerCell chromatin sequencing. *Cell reports methods*, 5(6), 101052.

Paras KI, et al. (2025) PAX3-FOXO1 Drives Targetable Cell State-Dependent Metabolic Vulnerabilities in Rhabdomyosarcoma. *Cancer research*, 85(23), 4718.

Li H, et al. (2025) T cell-intrinsic cGAS-CTCF regulation maintains regulatory T cell development and function. *Cell reports*, 44(10), 116302.

VanDerMolen KR, et al. (2025) Non-cell-autonomous regulation of mTORC2 by Hedgehog signaling maintains lipid homeostasis. *Cell reports*, 44(1), 115191.

Mendes EA, et al. (2025) RUNX2 inhibition disrupts a PAX3::FOXO1-RUNX2 feed-forward loop and dismantles oncogenic gene programs in fusion-positive rhabdomyosarcoma. *bioRxiv* : the preprint server for biology.

Udutha S, et al. (2025) Combined inhibition of de novo glutathione and nucleotide biosynthesis is synthetically lethal in glioblastoma. *Cell reports*, 44(5), 115596.

He B, et al. (2025) Spatial regulation of glucose and lipid metabolism by hepatic insulin signaling. *Cell metabolism*, 37(7), 1568.

Oyabu M, et al. (2025) Multi-dimensional metabolomic remodeling under diverse muscle atrophic stimuli in vivo. *Cell reports*, 44(8), 116097.

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