# **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 10, 2025

# p70 S6 Kinase Antibody

RRID:AB\_331676 Type: Antibody

#### **Proper Citation**

(Cell Signaling Technology Cat# 9202, RRID:AB\_331676)

## Antibody Information

URL: http://antibodyregistry.org/AB\_331676

Proper Citation: (Cell Signaling Technology Cat# 9202, RRID:AB\_331676)

Target Antigen: p70 S6 Kinase

Host Organism: rabbit

Clonality: polyclonal

**Comments:** Applications: W, IP. Consolidation: AB\_823592, AB\_10695156. Info: Used By NYUIHC-536.

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

Antibody Name: p70 S6 Kinase Antibody

Description: This polyclonal targets p70 S6 Kinase

Target Organism: monkey, rat, mouse, human

Defining Citation: PMID:26864654, PMID:28697336, PMID:28238651, PMID:28650797

Antibody ID: AB\_331676

Vendor: Cell Signaling Technology

Catalog Number: 9202

Alternative Catalog Numbers: 9202S, 9202L

Record Creation Time: 20231110T044856+0000

Record Last Update: 20241114T230213+0000

### **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:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <u>https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimenresearch-development</u>

No alerts have been found for p70 S6 Kinase Antibody.

### Data and Source Information

Source: Antibody Registry

#### **Usage and Citation Metrics**

We found 191 mentions in open access literature.

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

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. Cell reports, 43(4), 114094.

Xiao J, et al. (2024) 25-Hydroxycholesterol regulates lysosome AMP kinase activation and metabolic reprogramming to educate immunosuppressive macrophages. Immunity, 57(5), 1087.

Dai W, et al. (2024) Nucleoporin Seh1 controls murine neocortical development via transcriptional repression of p21 in neural stem cells. Developmental cell, 59(4), 482.

Yu PC, et al. (2024) SMARCA5 reprograms AKR1B1-mediated fructose metabolism to control leukemogenesis. Developmental cell, 59(15), 1954.

Tucker SA, et al. (2024) SIRT4 loss reprograms intestinal nucleotide metabolism to support proliferation following perturbation of homeostasis. Cell reports, 43(4), 113975.

Welch N, et al. (2024) Differential impact of sex on regulation of skeletal muscle mitochondrial function and protein homeostasis by hypoxia-inducible factor-1? in normoxia. The Journal of physiology, 602(12), 2763.

Ryan PJ, et al. (2024) The autophagy inhibitor NSC185058 suppresses mTORC1-mediated protein anabolism in cultured skeletal muscle. Scientific reports, 14(1), 8094.

Cai X, et al. (2024) Hippo-PKC?-NF?B signaling axis: A druggable modulator of chondrocyte responses to mechanical stress. iScience, 27(6), 109983.

Abudu YP, et al. (2024) MORG1 limits mTORC1 signaling by inhibiting Rag GTPases. Molecular cell, 84(3), 552.

Ren YM, et al. (2024) BCAA-producing Clostridium symbiosum promotes colorectal tumorigenesis through the modulation of host cholesterol metabolism. Cell host & microbe, 32(9), 1519.

Santamans AM, et al. (2024) MCJ: A mitochondrial target for cardiac intervention in pulmonary hypertension. Science advances, 10(3), eadk6524.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. bioRxiv : the preprint server for biology.

Wu Z, et al. (2024) Electron transport chain inhibition increases cellular dependence on purine transport and salvage. Cell metabolism, 36(7), 1504.

Swiderski K, et al. (2024) Dystrophin S3059 phosphorylation partially attenuates denervation atrophy in mouse tibialis anterior muscles. Physiological reports, 12(13), e16145.

Wrobel L, et al. (2024) p37 regulates VCP/p97 shuttling and functions in the nucleus and cytosol. Science advances, 10(18), eadl6082.

Unachukwu U, et al. (2023) Tyrosine Kinase Inhibitors Diminish Renal Neoplasms in a Tuberous Sclerosis Model Via Induction of Apoptosis. Molecular cancer therapeutics, 22(7), 844.

Song X, et al. (2023) Preclinical evaluation of tolvaptan and salsalate combination therapy in a Pkd1-mouse model. Frontiers in molecular biosciences, 10, 1058825.

Kommaddi RP, et al. (2023) Sex difference in evolution of cognitive decline: studies on mouse model and the Dominantly Inherited Alzheimer Network cohort. Translational psychiatry, 13(1), 123.

Lyu XD, et al. (2023) A Novel ASCT2 Inhibitor, C118P, Blocks Glutamine Transport and Exhibits Antitumour Efficacy in Breast Cancer. Cancers, 15(20).

Jiang C, et al. (2023) Ring domains are essential for GATOR2-dependent mTORC1 activation. Molecular cell, 83(1), 74.