

Resource Summary Report

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Phospho-S6 Ribosomal Protein (Ser240/244) Antibody

RRID:AB_331682

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2215, RRID:AB_331682

Antibody Information

URL: http://antibodyregistry.org/AB_331682

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Target Antigen: Phospho-S6 Ribosomal Protein (Ser240/244)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP. Consolidation on 11/2018: AB_10078212, AB_2630325, AB_331682, AB_331683. Info: Used By NYUIHC-399.

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: Phospho-S6 Ribosomal Protein (Ser240/244) Antibody

Description: This polyclonal targets Phospho-S6 Ribosomal Protein (Ser240/244)

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

Antibody ID: AB_331682

Vendor: Cell Signaling Technology

Catalog Number: 2215

Record Creation Time: 20250820T002548+0000

Record Last Update: 20250820T081520+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: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 Phospho-S6 Ribosomal Protein (Ser240/244) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 98 mentions in open access literature.

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

Torii S, et al. (2025) Embryological cellular origins and hypoxia-mediated mechanisms in PIK3CA-driven refractory vascular malformations. EMBO molecular medicine, 17(6), 1289.

Yao Y, et al. (2025) The Cullin3-Rbx1-KLHL9 E3 ubiquitin ligase complex ubiquitinates Rheb and supports amino acid-induced mTORC1 activation. Cell reports, 44(1), 115101.

Jackson CB, et al. (2025) De novo serine biosynthesis is protective in mitochondrial disease. Cell reports, 44(5), 115710.

Pataccini G, et al. (2025) Steroid hormone receptors, exome sequencing and treatment responsiveness of breast cancer patient-derived xenografts originated in a South American country. Scientific reports, 15(1), 2415.

Turnham RE, et al. (2025) HBV Remodels PP2A Complexes to Rewire Kinase Signaling in Hepatocellular Carcinoma. Cancer research, 85(4), 660.

Mokhtar N, et al. (2025) 5-HT6 Receptor Inverse Agonists Modulate Diabetic Neuropathic Pain in Female Rats: Evidence for 5-HT6 Receptor Constitutive Activity. Journal of neurochemistry, 169(8), e70179.

Kahlhofer J, et al. (2025) TXNIP mediates LAT1/SLC7A5 endocytosis to limit amino acid uptake in cells entering quiescence. The EMBO journal, 44(23), 7119.

Shin J, et al. (2025) Growth factor-independent mTORC1 signaling promotes primary cilia length via suppression of autophagy. iScience, 28(12), 114204.

Menchero S, et al. (2025) Marsupial single-cell transcriptomics identifies temporal diversity in mammalian developmental programs. Developmental cell.

Chaouki G, et al. (2025) Pre-cachectic changes in amino acid homeostasis precede activation of eIF2 γ signaling in the liver at the onset of C26 cancer-induced cachexia. *iScience*, 28(3), 112030.

Thalalla Gamage S, et al. (2025) Transfer RNA acetylation regulates in vivo mammalian stress signaling. *Science advances*, 11(12), eads2923.

Varadarajan K, et al. (2025) Efficacy of ATR Kinase Inhibitor Elimusertib Monotherapy or Combination in Tumors with DNA Damage Response Pathway and Other Genomic Alterations. *Molecular cancer therapeutics*, 24(9), 1402.

Ikeda T, et al. (2025) HUWE1 stimulates mTORC1 activity by enhancing Rheb interaction with mTORC1 and supports de novo pyrimidine synthesis. *Cell reports*, 44(10), 116382.

Gallagher ER, et al. (2024) Lysosomal damage triggers a p38 MAPK-dependent phosphorylation cascade to promote lysophagy via the small heat shock protein HSP27. *Current biology : CB*, 34(24), 5739.

Pak HH, et al. (2024) Non-canonical metabolic and molecular effects of calorie restriction are revealed by varying temporal conditions. *Cell reports*, 43(9), 114663.

Joshi CS, et al. (2024) D-Mannose reduces cellular senescence and NLRP3/GasderminD/IL-1 β -driven pyroptotic uroepithelial cell shedding in the murine bladder. *Developmental cell*, 59(1), 33.

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

Poliaková Turan M, et al. (2024) E2F1-Associated Purine Synthesis Pathway Is a Major Component of the MET-DNA Damage Response Network. *Cancer research communications*, 4(7), 1863.

Kommaddi RP, et al. (2024) Akt activation ameliorates deficits in hippocampal-dependent memory and activity-dependent synaptic protein synthesis in an Alzheimer's disease mouse model. *The Journal of biological chemistry*, 300(2), 105619.

Roper N, et al. (2024) Functional Heterogeneity in MET Pathway Activation in PDX Models of Osimertinib-resistant EGFR-driven Lung Cancer. *Cancer research communications*, 4(2), 337.