# Resource Summary Report

Generated by dkNET on Sep 7, 2026

## Phospho-S6 Ribosomal Protein

RRID:AB_331682
Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 2215, RRID:AB_331682

### Antibody Information

**URL:** http://antibodyregistry.org/AB_331682

**Proper Citation:** Cell Signaling Technology Cat# 2215, RRID:AB_331682

**Target Antigen:** Polyclonal antibodies are produced by immunizing animals with a synthetic phospho-peptide (KLH-coupled) corresponding to residues surrounding Ser240 and Ser244 of human S6 ribosomal protein

**Host Organism:** rabbit

**Clonality:** unknown

**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

**Description:** This unknown targets Polyclonal antibodies are produced by immunizing animals with a synthetic phospho-peptide (KLH-coupled) corresponding to residues surrounding Ser240 and Ser244 of human S6 ribosomal protein

**Antibody ID:** AB_331682

**Vendor:** Cell Signaling Technology

**Catalog Number:** 2215

**Record Creation Time:** 20231110T044856+0000

**Record Last Update:** 20260829T024734+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.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 106 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET .


Tsang AH, et al. (2026) Cav3.1 is a neuronal leucine sensor that mediates satiety and weight loss in response to dietary protein. Cell metabolism, 38(5), 876.

Han X, et al. (2026) Mechanistic insights into fatty acid odor detection mediated by class II olfactory receptors. Cell, 189(5), 1465.

Chen J, et al. (2026) A Genomically Tailored Multiagent Precision Medicine Clinical Trial for Adults with Recurrent Glioblastoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1652.

Martín A, et al. (2026) Targeted KRASG12V Degradation in vivo Elicits Lung Adenocarcinoma Regression with Subsequent Relapse from Dysregulated Proteolysis. Cancer research.

Nagel R, et al. (2026) Arginine Deprivation of ASS1-Deficient Cancers Drives Mistranslation and Shared Neoepitope Production. Cancer research, 86(14), 3480.

Shrivastava A, et al. (2026) Mutant KRAS-driven selective mRNA translation reveals mechanisms and therapeutic vulnerabilities in cancer. Cell reports, 45(6), 117520.

Billmann M, et al. (2026) Global genetic interaction network of a human cell maps conserved principles and informs functional interpretation of gene co-essentiality profiles. Cell, 189(12), 3736.

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

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

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.

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

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.

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.

Cormerais Y, et al. (2025) AKT-mediated phosphorylation of TSC2 controls stimulus- and tissue-specific mTORC1 signaling and organ growth. Developmental cell, 60(19), 2544.

Chaouki G, et al. (2025) Pre-cachectic changes in amino acid homeostasis precede activation of eIF2? 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.