

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

Rabbit Anti-p70 S6 Kinase Monoclonal Antibody, Unconjugated, Clone 49D7

RRID:AB_390722

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2708, RRID:AB_390722

Antibody Information

URL: http://antibodyregistry.org/AB_390722

Proper Citation: Cell Signaling Technology Cat# 2708, RRID:AB_390722

Target Antigen: p70 S6 Kinase

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P. Consolidation on 9/2016: AB_10694694, AB_10839112.

Antibody Name: Rabbit Anti-p70 S6 Kinase Monoclonal Antibody, Unconjugated, Clone 49D7

Description: This monoclonal targets p70 S6 Kinase

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

Clone ID: Clone 49D7

Antibody ID: AB_390722

Vendor: Cell Signaling Technology

Catalog Number: 2708

Alternative Catalog Numbers: 2708P, 2708S

Record Creation Time: 20231110T044639+0000

Record Last Update: 20260829T102324+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-p70 S6 Kinase Monoclonal Antibody, Unconjugated, Clone 49D7.

No alerts have been found for Rabbit Anti-p70 S6 Kinase Monoclonal Antibody, Unconjugated, Clone 49D7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 253 mentions in open access literature.

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

Wang M, et al. (2026) p53 Drives Lung Cancer Regression through a TSC2/TFEB-dependent Senescence Program. *Cancer discovery*, 16(2), 391.

Pyun WY, et al. (2026) Nutrient Availability Dictates Cancer Metabolism-Based Therapeutic Responses to Nononcology Drugs. *Cancer research*, 86(5), 1194.

Mertens F, et al. (2026) Identification of small-molecule autophagy activators via GFP-LC3 high-throughput screening and a cargo-based autophagy flux and processing assay. *European journal of pharmacology*, 1026, 178958.

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.

Calderon-Aparicio A, et al. (2026) S6K1 Modulates STAT3 Activation to Promote Resistance to Radiotherapy in Lung Cancer. *International journal of molecular sciences*, 27(4).

Mitra T, et al. (2026) MEK-dependent bioenergetic demand drives terminal CD8+ T cell exhaustion. *Immunity*.

Fan J, et al. (2026) PDX1 phosphorylation at S61 by mTORC1 links nutrient signaling to ? cell function and metabolic disease. *Cell reports*, 45(1), 116811.

Liu C, et al. (2026) CASTOR1 and CASTOR2 respond to different arginine levels to regulate mTORC1 activity. *Molecular cell*.

Li F, et al. (2026) Translational resistance to amino acid starvation in breast cancer cells revealed by ribosome profiling. *iScience*, 29(7), 116627.

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

Kumariya S, et al. (2026) Transcriptional control of PPP2CB by YAP1 and TEAD1 mediates AMPK inhibition and mTORC1 activation in vascular smooth muscle cells. *iScience*, 29(3), 114996.

Ishikawa KI, et al. (2026) Suppression of ATM kinase signaling accelerates cellular senescence. *Stem cell reports*, 21(7), 102956.

Matsuura K, et al. (2026) Distinct metabolic dependency on BCAA defines cancer stemness and malignancy in human triple-negative breast cancer. *Cell reports*, 45(7), 117630.

Troha K, et al. (2026) Dietary methionine mitigates immune-mediated damage by enhancing renal clearance of cytokines. *Cell metabolism*, 38(2), 298.

Uible EE, et al. (2026) Scaffolding-dependent CASP1 constrains excessive cell-intrinsic inflammatory signaling in leukemia. *Cell chemical biology*, 33(1), 59.

Park C, et al. (2026) A Rasa3-G β i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. *Cell reports*, 45(4), 117243.

Black JJ, et al. (2026) The *Legionella pneumophila* effector SidL is an adenylyltransferase that modifies the glycolytic intermediate 3-phosphoglycerate. *Molecular cell*.

Lin M, et al. (2026) Complex I protein NDUF9 is a metabolic vulnerability in triple negative breast cancer brain metastases. *Nature communications*, 17(1).

Nakano H, et al. (2026) Maternal hyperglycemia disrupts cardiomyocyte maturation via aberrant nucleotide metabolism and suppression of AMPK signaling. *Cell reports*, 45(5), 117321.

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.