

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

RagA (D8B5) Rabbit mAb

RRID:AB_10545136

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4357, RRID:AB_10545136

Antibody Information

URL: http://antibodyregistry.org/AB_10545136

Proper Citation: Cell Signaling Technology Cat# 4357, RRID:AB_10545136

Target Antigen: RagA (D8B5) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: RagA (D8B5) Rabbit mAb

Description: This monoclonal targets RagA (D8B5) Rabbit mAb

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_10545136

Vendor: Cell Signaling Technology

Catalog Number: 4357

Record Creation Time: 20250820T044636+0000

Record Last Update: 20250820T195424+0000

Ratings and Alerts

No rating or validation information has been found for RagA (D8B5) Rabbit mAb.

No alerts have been found for RagA (D8B5) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Hsieh CW, et al. (2026) Graded activation of the CLEAR network through mTORC1 suppression on cargo-harboring lysosomes. *Cell reports*, 45(4), 117228.

Chen X, et al. (2026) NSUN2 integrates glucose and one?carbon metabolism upstream of Rag GTPase-dependent mTORC1 signaling. *Cellular signalling*, 147, 112734.

Xu C, et al. (2025) YTHDF1 differentiates the contributing roles of mTORC1 in aging. *Molecular cell*, 85(11), 2194.

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.

Koundouros N, et al. (2025) Direct sensing of dietary ?-6 linoleic acid through FABP5-mTORC1 signaling. *Science (New York, N.Y.)*, 387(6739), eadm9805.

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

Remy D, et al. (2024) TFEB triggers a matrix degradation and invasion program in triple-negative breast cancer cells upon mTORC1 repression. *Developmental cell*.

Yang S, et al. (2024) The GATOR2 complex maintains lysosomal-autophagic function by inhibiting the protein degradation of MIT/TFEs. *Molecular cell*, 84(4), 727.

Kincheloe GN, et al. (2024) Tissue-specific expression differences in Ras-related GTP-binding proteins in male rats. *Physiological reports*, 12(3), e15928.

Devant P, et al. (2023) Gasdermin D pore-forming activity is redox-sensitive. *Cell reports*, 42(1), 112008.

Jiang C, et al. (2023) PRMT1 orchestrates with SAMTOR to govern mTORC1 methionine sensing via Arg-methylation of NPRL2. *Cell metabolism*, 35(12), 2183.

Nardone C, et al. (2023) A central role for regulated protein stability in the control of TFE3 and MITF by nutrients. *Molecular cell*, 83(1), 57.

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

He L, et al. (2023) Lysosomal cyst(e)ine storage potentiates tolerance to oxidative stress in cancer cells. *Molecular cell*, 83(19), 3502.

Yin S, et al. (2023) CDK5-PRMT1-WDR24 signaling cascade promotes mTORC1 signaling and tumor growth. *Cell reports*, 42(4), 112316.

Wang D, et al. (2022) E3 ligase RNF167 and deubiquitinase STAMBPL1 modulate mTOR and cancer progression. *Molecular cell*, 82(4), 770.

Guo X, et al. (2022) Structure and mechanism of human cystine exporter cystinosin. *Cell*, 185(20), 3739.

Evavold CL, et al. (2021) Control of gasdermin D oligomerization and pyroptosis by the Ragulator-Rag-mTORC1 pathway. *Cell*, 184(17), 4495.

Rudar M, et al. (2021) Intermittent bolus feeding does not enhance protein synthesis, myonuclear accretion, or lean growth more than continuous feeding in a premature piglet model. *American journal of physiology. Endocrinology and metabolism*, 321(6), E737.

Kim SH, et al. (2021) Mitochondrial Threonyl-tRNA Synthetase TARS2 Is Required for Threonine-Sensitive mTORC1 Activation. *Molecular cell*, 81(2), 398.