

Resource Summary Report

Generated by SPARC SAWG on Aug 20, 2026

Anti-Puromycin Antibody, clone 4G11

RRID:AB_2737590

Type: Antibody

Proper Citation

Millipore Cat# MABE342, RRID:AB_2737590

Antibody Information

URL: http://antibodyregistry.org/AB_2737590

Proper Citation: Millipore Cat# MABE342, RRID:AB_2737590

Target Antigen: Puromycin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, ICC, IF, FACS, IP

Antibody Name: Anti-Puromycin Antibody, clone 4G11

Description: This monoclonal targets Puromycin

Clone ID: 4G11

Antibody ID: AB_2737590

Vendor: Millipore

Catalog Number: MABE342

Record Creation Time: 20250819T230806+0000

Record Last Update: 20250820T042336+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Puromycin Antibody, clone 4G11.

No alerts have been found for Anti-Puromycin Antibody, clone 4G11.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Zhang Q, et al. (2026) P5CS represses tumor progression via inhibiting assembly of 48S pre-translation initiation complex. *Developmental cell*, 61(7), 1521.

Lane AR, et al. (2026) Distinct signaling mechanisms and proteome phenotypes are elicited by compartment-specific genetic defects of copper homeostasis. *bioRxiv : the preprint server for biology*.

Lane AR, et al. (2025) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. *Molecular biology of the cell*, 36(3), ar33.

Yang S, et al. (2025) UFMylation safeguards human hepatocyte differentiation and liver homeostasis by regulating ribosome dissociation. *Cell reports*, 44(5), 115686.

Pham BQ, et al. (2025) mTORC1 regulates the pyrimidine salvage pathway by controlling UCK2 turnover via the CTLH-WDR26 E3 ligase. *Cell reports*, 44(1), 115179.

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

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. *Frontiers in oncology*, 14, 1394653.

Zou D, et al. (2024) DDX20 is required for cell-cycle reentry of prospermatogonia and establishment of spermatogonial stem cell pool during testicular development in mice. *Developmental cell*, 59(13), 1707.

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.

Magg V, et al. (2024) Turnover of PPP1R15A mRNA encoding GADD34 controls responsiveness and adaptation to cellular stress. *Cell reports*, 43(4), 114069.

Haight JA, et al. (2024) Auranofin and reactive oxygen species inhibit protein synthesis and regulate the level of the PLK1 protein in Ewing sarcoma cells. *bioRxiv : the preprint server for biology*.

Krokowski D, et al. (2022) Stress-induced perturbations in intracellular amino acids reprogram mRNA translation in osmoadaptation independently of the ISR. *Cell reports*, 40(3), 111092.

Woo YM, et al. (2018) TED-Seq Identifies the Dynamics of Poly(A) Length during ER Stress. *Cell reports*, 24(13), 3630.