

Resource Summary Report

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

Anti-Puromycin Antibody, clone 12D10

RRID:AB_2566826

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# MABE343, RRID:AB_2566826

Antibody Information

URL: http://antibodyregistry.org/AB_2566826

Proper Citation: Sigma-Aldrich Cat# MABE343, RRID:AB_2566826

Target Antigen: Puromycin

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: flow cytometry, immunocytochemistry, immunofluorescence, immunohistochemistry, immunoprecipitation (IP), western blot

Antibody Name: Anti-Puromycin Antibody, clone 12D10

Description: This monoclonal targets Puromycin

Target Organism: all

Clone ID: 12D10

Antibody ID: AB_2566826

Vendor: Sigma-Aldrich

Catalog Number: MABE343

Record Creation Time: 20250819T231708+0000

Record Last Update: 20250820T045205+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Puromycin Antibody, clone 12D10.

No alerts have been found for Anti-Puromycin Antibody, clone 12D10.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 240 mentions in open access literature.

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

D'Alessandro A, et al. (2026) Desmosomes compartmentalize mRNA and translation in the skin. *Developmental cell*, 61(5), 1076.

Cao K, et al. (2026) HDAC5-encoded Microprotein NISM Mediates Nucleolar Formation and Ribosomal RNA Synthesis. *bioRxiv : the preprint server for biology*.

Wang Y, et al. (2026) E3 Ubiquitin Ligase Nedd4-2 Exacerbates Seizure-Induced Mitochondrial Defects in an Alzheimer's Disease Mouse Model. *Journal of neurochemistry*, 170(4), e70440.

Cabrera-Cabrera F, et al. (2026) Norepinephrine Couples Astrocytic Metabolism to mTOR-Driven Protein Synthesis. *Journal of neurochemistry*, 170(7), e70507.

Adler D, et al. (2026) Activity-dependent protein synthesis in neurons requires microglial-metabolic coupling. *Cell metabolism*.

Liu Y, et al. (2026) Alphaviral non-structural protein-host RBP co-condensation as a mechanism to sustain virus replication. *Molecular cell*, 86(12), 2390.

Shah S, et al. (2026) Metabolic reprogramming during human neuron differentiation indicates glutaminase as a key determinant in Fragile X syndrome. *Cell reports*, 45(1), 116857.

Kadowaki H, et al. (2026) Sec61? maintains cytoplasmic proteostasis via ARIH1-mediated translational repression upon ER stress. *EMBO reports*, 27(4), 1057.

Squair DR, et al. (2026) ZNFX1 uses two-component ubiquitin circuitry to quarantine viral RNA. *Molecular cell*, 86(6), 1164.

Sun J, et al. (2026) mTOR-NAA10-C7orf50 axis senses nutritional status to coordinate ribosome biogenesis and autophagy. *Science advances*, 12(20), eadz3835.

Xu W, et al. (2026) S-acylation of TDP43 regulates its condensation in amyotrophic lateral sclerosis. *Molecular cell*, 86(11), 2191.

Adachi Y, et al. (2026) Chronic stress antagonizes formation of stress granules. *iScience*, 29(1), 114556.

Liu K, et al. (2026) Hypoxia-driven lncRNA SHIELD promotes GPX4 translation and protects against ferroptosis in hepatocellular carcinoma. *Molecular cell*, 86(11), 2106.

Bakhmet EI, et al. (2026) PCBP1 orchestrates amino acid metabolism burst during the naïve-to-primed pluripotency transition. *Stem cell reports*, 21(7), 102950.

Luo Y, et al. (2026) mRNA 3' UTRs chaperone intrinsically disordered regions to control protein activity. *Cell*, 189(15), 4619.

Fahmy AM, et al. (2026) STING dampens the unfolded protein response to enable the presentation of self-antigens on MHC-I during inflammation. *Cell reports*, 45(6), 117497.

Mao Y, et al. (2026) AMPK γ 2 signals amino acid insufficiency to inhibit protein synthesis. *Cell metabolism*, 38(1), 192.

Liao Y, et al. (2026) Neuroserpin alleviates cerebral ischemia-reperfusion injury by suppressing ischemia-induced endoplasmic reticulum stress. *Neural regeneration research*, 21(1), 333.

Hosogane M, et al. (2026) Variant-specific interaction of kinectin 1 with the multi-tRNA synthetase complex regulates ER sheet organization. *iScience*, 29(1), 114303.

Qin W, et al. (2026) Small-molecule enhancement of METTL3 S-palmitoylation as a therapeutic strategy for osteoarthritis. *Cell reports*, 45(3), 116993.