

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

Anti-GFP, N-terminal antibody produced in rabbit

RRID:AB_439690

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# G1544, RRID:AB_439690

Antibody Information

URL: http://antibodyregistry.org/AB_439690

Proper Citation: Sigma-Aldrich Cat# G1544, RRID:AB_439690

Target Antigen: GFP N-terminal antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Western Blot; Immunoprecipitation; immunoprecipitation: 1.0-2.5 mug

Antibody Name: Anti-GFP, N-terminal antibody produced in rabbit

Description: This polyclonal targets GFP N-terminal antibody produced in rabbit

Target Organism: gfp, nterminal

Defining Citation: [PMID:20503421](#), [PMID:19459219](#), [PMID:16802336](#)

Antibody ID: AB_439690

Vendor: Sigma-Aldrich

Catalog Number: G1544

Record Creation Time: 20250819T225152+0000

Record Last Update: 20250820T033254+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GFP, N-terminal antibody produced in rabbit.

No alerts have been found for Anti-GFP, N-terminal antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Bhuiyan T, et al. (2025) TAF2 condensation in nuclear speckles links basal transcription factor TFIID to RNA splicing factors. *Cell reports*, 44(5), 115616.

Zheng F, et al. (2025) Metabolic environment-driven remodeling of mitochondrial ribosomes regulates translation and biogenesis. *Molecular cell*, 85(23), 4437.

Gammons MV, et al. (2025) Wnt signalosome assembly is governed by conformational flexibility of Axin and by the AP2 clathrin adaptor. *Nature communications*, 16(1), 4718.

Schnabel L, et al. (2025) Molecular basis of ParA ATPase activation by the CTPase ParB during bacterial chromosome segregation. *Nature communications*, 16(1), 8428.

Lesniak AM, et al. (2025) Identification of the client-binding site on the Golgi membrane protein adaptor Vps74/yGOLPH3. *iScience*, 28(10), 113494.

Caffrey A, et al. (2025) A GLP-1R/Y1 receptor/Y2 receptor triple agonist decreases fentanyl-evoked dopamine release in the nucleus accumbens and attenuates fentanyl taking and seeking in rats. *British journal of pharmacology*, 182(18), 4363.

Tang LP, et al. (2025) Time-resolved reprogramming of single somatic cells into totipotent states during plant regeneration. *Cell*.

Wang B, et al. (2025) Development of D2HG biosensors inspired by the molecular mechanism of D2HG regulation of DhR. *Cell chemical biology*, 32(11), 1397.

Bhola M, et al. (2024) RNA interacts with topoisomerase I to adjust DNA topology. *Molecular cell*, 84(17), 3192.

Belur NR, et al. (2024) Nuclear aggregates of NONO/SFPQ and A-to-I-edited RNA in Parkinson's disease and dementia with Lewy bodies. *Neuron*, 112(15), 2558.

Lin J, et al. (2024) Design principles to tailor Hsp104 therapeutics. *Cell reports*, 43(12), 115005.

Pöhl S, et al. (2024) A dynamic bactofilin cytoskeleton cooperates with an M23 endopeptidase to control bacterial morphogenesis. *eLife*, 12.

Jakob S, et al. (2024) The virulence regulator VirB from *Shigella flexneri* uses a CTP-dependent switch mechanism to activate gene expression. *Nature communications*, 15(1), 318.

Grizel AV, et al. (2024) Osmotic stress induces formation of both liquid condensates and amyloids by a yeast prion domain. *The Journal of biological chemistry*, 300(10), 107766.

Ntefidou M, et al. (2023) *Physcomitrium patens* PpRIC, an ancestral CRIB-domain ROP effector, inhibits auxin-induced differentiation of apical initial cells. *Cell reports*, 42(2), 112130.

Yayli G, et al. (2023) ATAC and SAGA co-activator complexes utilize co-translational assembly, but their cellular localization properties and functions are distinct. *Cell reports*, 42(9), 113099.

Mack KL, et al. (2023) Tuning Hsp104 specificity to selectively detoxify α -synuclein. *Molecular cell*, 83(18), 3314.

Zhang K, et al. (2023) DIAPH3 condensates formed by liquid-liquid phase separation act as a regulatory hub for stress-induced actin cytoskeleton remodeling. *Cell reports*, 42(1), 111986.

Sabbarini IM, et al. (2023) Zinc-finger protein Zpr1 is a bespoke chaperone essential for eEF1A biogenesis. *Molecular cell*, 83(2), 252.

Izquierdo-Martinez A, et al. (2023) DipM controls multiple autolysins and mediates a regulatory feedback loop promoting cell constriction in *Caulobacter crescentus*. *Nature communications*, 14(1), 4095.