

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

Anti-Actin antibody produced in rabbit

RRID:AB_476693

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A2066, RRID:AB_476693

Antibody Information

URL: http://antibodyregistry.org/AB_476693

Proper Citation: Sigma-Aldrich Cat# A2066, RRID:AB_476693

Target Antigen: Actin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: immunohistochemistry (formalin-fixed, paraffin-embedded sections), indirect immunofluorescence, western blot

Antibody Name: Anti-Actin antibody produced in rabbit

Description: This polyclonal targets Actin

Target Organism: chicken, vertebrates, amoeba, human

Defining Citation: [PMID:18680196](#)

Antibody ID: AB_476693

Vendor: Sigma-Aldrich

Catalog Number: A2066

Record Creation Time: 20250820T054600+0000

Record Last Update: 20250820T222423+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Actin antibody produced in rabbit.

No alerts have been found for Anti-Actin antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 366 mentions in open access literature.

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

Chivite I, et al. (2026) Deletion of Mfn2 in endothelial cells triggers a mitohormetic response that improves systemic metabolism and healthspan in mice. *Cell metabolism*, 38(3), 546.

Tsao YC, et al. (2026) Bortezomib Inhibits Cellular Proliferation and Inflammation in a Mouse Model of Proliferative Vitreoretinopathy. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(3), e71513.

Balzano E, et al. (2026) Impact of Tau overexpression on DNA replication dynamics in centromeres of human neural progenitor cells. *iScience*, 29(2), 114707.

Shinno K, et al. (2026) Axonal distribution of mitochondria maintains neuronal autophagy during aging via eIF2?. *eLife*, 13.

Wilms G, et al. (2026) The protein kinase DYRK1B is a p53 target gene and functions as a negative feedback regulator of the transcription factor RFX7. *Cell death & disease*, 17(1).

Fukui M, et al. (2026) Activation of neurogenesis improves amyloid- β pathology and cognitive function through AMP kinase signaling in Alzheimer's disease model mice. *Cell reports*, 45(4), 117250.

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

Svirsky SE, et al. (2026) Traumatic Brain Injury and Endocytosis: Reduced Rodent Hippocampal Endocytosis Proteins and Human Clathrin Light Chain Polymorphisms Are Associated with Impaired Neurological Outcomes After TBI. *Molecular neurobiology*, 63(1), 434.

Pasquero S, et al. (2026) Targeting peptidyl-arginine deiminase 4 suppresses SARS-CoV-2 replication and modulates the inflammatory response. *iScience*, 29(3), 115038.

Uprety A, et al. (2026) SETD2 Deficiency Drives Mitochondrial DNA Leakage and Creates a Druggable Dependency on BCL-xL in Clear Cell Renal Cell Carcinoma. *Cancer research*, 86(15), 3838.

Pilat DJ, et al. (2026) The gain-of-function TREM2-T96K mutation increases risk for Alzheimer's disease by impairing microglial function. *Neuron*, 114(1), 46.

Itokazu Y, et al. (2026) GM1 and GD3 Gangliosides Attenuate Diisopropylfluorophosphate-Induced NGF-TrkA and BDNF-TrkB Signaling Dysfunction. *ACS chemical neuroscience*, 17(2), 352.

Lisci M, et al. (2026) Functional nutrient-genetic profiling reveals biotin and FBXW7 are essential to bypass glutamine addiction. *Molecular cell*, 86(5), 901.

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).

Lu IL, et al. (2026) Hypoxia-inducible factor signaling regulates embryonic interneuron development, GRIN2B expression and adult cortical function. *Developmental cell*, 61(4), 773.

Mukae K, et al. (2026) Epigenomic regulation of neural crest differentiation in human-induced pluripotent stem cells. *iScience*, 29(6), 115993.

Merta H, et al. (2025) Spatial proteomics of ER tubules reveals CLMN, an ER-actin tether at focal adhesions that promotes cell migration. *Cell reports*, 44(4), 115502.

Weber SLK, et al. (2025) Protocol for ecotropic pseudotyped lentiviral transduction of "murinized" human cells while decreasing risk of infection for laboratory personnel. *STAR protocols*, 6(2), 103708.

Liu F, et al. (2025) TAF1 is required for fetal but not adult hematopoiesis in mice. *Developmental cell*.

Marotta VE, et al. (2025) OTUD6B regulates KIFC1-dependent centrosome clustering and breast cancer cell survival. *EMBO reports*, 26(4), 1003.