Resource Summary Report

Generated by NIF on Jul 30, 2026

Anti-Actin (20-33) antibody produced in rabbit

RRID:AB_476738
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A5060, RRID:AB_476738

Antibody Information

URL: http://antibodyregistry.org/AB_476738

Proper Citation: Sigma-Aldrich Cat# A5060, RRID:AB_476738

Target Antigen: Actin (20-33) antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Other; Western Blot; Immunohistochemistry; Immunofluorescence; immunoblotting: 1:250 using human and animal tissue extracts, microarray: suitable, immunohistochemistry (frozen sections): suitable using human or animal tissue sections, indirect immunofluorescence: 1:200 using cultured human fibroblasts, immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable using human or animal tissue sections

Antibody Name: Anti-Actin (20-33) antibody produced in rabbit

Description: This polyclonal targets Actin (20-33) antibody produced in rabbit

Target Organism: invertebrates

Defining Citation: PMID:23172043

Antibody ID: AB_476738

Vendor: Sigma-Aldrich

Catalog Number: A5060

Record Creation Time: 20250820T071306+0000

Record Last Update: 20250821T015120+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Actin (20-33) antibody produced in rabbit.

No alerts have been found for Anti-Actin (20-33) antibody produced in rabbit.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 36 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Tambrin HM, et al. (2025) ARHGAP12 suppresses F-actin assembly to control epithelial tight junction mechanics and paracellular leak pathway permeability. Cell reports, 44(4), 115511.

De Introna M, et al. (2025) Chemogenetic induction of CA1 hyperexcitability triggers indistinguishable autistic traits in asymptomatic mice differing in Ambra1 expression and sex. Translational psychiatry, 15(1), 82.

Musaev D, et al. (2024) UPF1 regulates mRNA stability by sensing poorly translated coding sequences. Cell reports, 43(4), 114074.

Luna-Marco C, et al. (2024) Molecular circadian clock disruption in the leukocytes of individuals with type 2 diabetes and overweight, and its relationship with leukocyte-endothelial interactions. Diabetologia, 67(10), 2316.

Ohgushi M, et al. (2022) Delamination of trophoblast-like syncytia from the amniotic ectodermal analogue in human primed embryonic stem cell-based differentiation model. Cell reports, 39(12), 110973.

La Barbera L, et al. (2022) Upregulation of Ca2+-binding proteins contributes to VTA dopamine neuron survival in the early phases of Alzheimer's disease in Tg2576 mice. Molecular neurodegeneration, 17(1), 76.

Gemble S, et al. (2022) Genetic instability from a single S phase after whole-genome duplication. Nature, 604(7904), 146.

Agliano F, et al. (2022) Nicotinamide breaks effector CD8 T??cell responses by targeting mTOR signaling. iScience, 25(3), 103932.

Miao L, et al. (2022) The landscape of pioneer factor activity reveals the mechanisms of chromatin reprogramming and genome activation. Molecular cell, 82(5), 986.

Hu J, et al. (2021) Co-opting regulation bypass repair as a gene-correction strategy for monogenic diseases. Molecular therapy : the journal of the American Society of Gene Therapy, 29(11), 3274.

Tamassia N, et al. (2021) Induction of OCT2 contributes to regulate the gene expression program in human neutrophils activated via TLR8. Cell reports, 35(7), 109143.

Trionfini P, et al. (2020) Generation of two isogenic knockout PKD2 iPS cell lines, IRFMNi003-A-1 and IRFMNi003-A-2, using CRISPR/Cas9 technology. Stem cell research, 42, 101667.

Heras V, et al. (2020) Central Ceramide Signaling Mediates Obesity-Induced Precocious Puberty. Cell metabolism, 32(6), 951.

Soriano D, et al. (2020) Neuronal and synaptic morphological alterations in the hippocampus of cannabinoid receptor type 1 knockout mice. Journal of neuroscience research, 98(11), 2245.

Dupont M, et al. (2020) Tuberculosis-associated IFN-I induces Siglec-1 on tunneling nanotubes and favors HIV-1 spread in macrophages. eLife, 9.

Tan B, et al. (2020) The Mammalian Crumbs Complex Defines a Distinct Polarity Domain Apical of Epithelial Tight Junctions. Current biology : CB, 30(14), 2791.

Beyrent E, et al. (2020) Oxidative stress differentially induces tau dissociation from neuronal microtubules in neurites of neurons cultured from different regions of the embryonic Gallus domesticus brain. Journal of neuroscience research, 98(4), 734.

Ji S, et al. (2019) LC Domain-Mediated Coalescence Is Essential for Otu Enzymatic Activity to Extend Drosophila Lifespan. Molecular cell, 74(2), 363.

Souriant S, et al. (2019) Tuberculosis Exacerbates HIV-1 Infection through IL-10/STAT3-Dependent Tunneling Nanotube Formation in Macrophages. Cell reports, 26(13), 3586.

Kalappurakkal JM, et al. (2019) Integrin Mechano-chemical Signaling Generates Plasma Membrane Nanodomains that Promote Cell Spreading. Cell, 177(7), 1738.