

Resource Summary Report

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Rabbit Anti-Actin, aa 20-33 Antibody, Unconjugated

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, aa 20-33

Host Organism: rabbit

Clonality: unknown

Comments: Vendor recommendations: Immunofluorescence; Immunohistochemistry; Western Blot; Indirect Immunofluorescence, Immunohistochemistry (Frozen sections), Immunohistochemistry (Paraffin sections), Western Blot

Antibody Name: Rabbit Anti-Actin, aa 20-33 Antibody, Unconjugated

Description: This unknown targets Actin, aa 20-33

Target Organism: other, feline, chickenavian, rat, hamster, simian, xenopus, donkey, porcine, canine, goat, yeast, horse, mouse, drosophila, rabbit, bovine, human, invertebrates, sheep

Defining Citation: [PMID:23172043](#)

Antibody ID: AB_476738

Vendor: Sigma-Aldrich

Catalog Number: A5060

Record Creation Time: 20250819T205043+0000

Record Last Update: 20250819T210111+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Actin, aa 20-33 Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Actin, aa 20-33 Antibody, Unconjugated.

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.