

Resource Summary Report

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?-Actin Antibody

RRID:AB_330288

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4967, RRID:AB_330288)

Antibody Information

URL: http://antibodyregistry.org/AB_330288

Proper Citation: (Cell Signaling Technology Cat# 4967, RRID:AB_330288)

Target Antigen: ?-actin

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 7/2016: AB_823414, AB_10695744.

Antibody Name: ?-Actin Antibody

Description: This polyclonal targets ?-actin

Target Organism: monkey, rat, hamster, mink, mouse, bovine, zebrafish, human

Defining Citation: [PMID:22821633](#)

Antibody ID: AB_330288

Vendor: Cell Signaling Technology

Catalog Number: 4967

Alternative Catalog Numbers: 4967L, 4967S

Record Creation Time: 20231110T070204+0000

Record Last Update: 20241115T103342+0000

Ratings and Alerts

No rating or validation information has been found for β -Actin Antibody.

No alerts have been found for β -Actin Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 314 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Li G, et al. (2025) Microenvironmental β -TrCP negates amino acid transport to trigger CD8+ T cell exhaustion in human non-small cell lung cancer. Cell reports, 44(1), 115128.

Zheng J, et al. (2025) Endoplasmic reticulum stress and autophagy in cerebral ischemia/reperfusion injury: PERK as a potential target for intervention. Neural regeneration research, 20(5), 1455.

Dossat AM, et al. (2024) Excitotoxic glutamate levels cause the secretion of resident endoplasmic reticulum proteins. Journal of neurochemistry.

Jia C, et al. (2024) Astrocyte focal adhesion kinase reduces passive stress coping by inhibiting ciliary neurotrophic factor only in female mice. Neurobiology of stress, 30, 100621.

Ruan W, et al. (2024) The BMAL1/HIF2A heterodimer modulates circadian variations of myocardial injury. Research square.

Li N, et al. (2024) Bi-allelic variants in CEP295 cause Seckel-like syndrome presenting with primary microcephaly, developmental delay, intellectual disability, short stature, craniofacial and digital abnormalities. EBioMedicine, 99, 104940.

Qiao X, et al. (2024) Beyond mitochondrial transfer, cell fusion rescues metabolic dysfunction and boosts malignancy in adenoid cystic carcinoma. Cell reports, 43(9), 114652.

Yu B, et al. (2024) CD34+ orbital fibroblasts contribute to the pathogenesis of thyroid eye disease via miR-182-5p. The Journal of clinical endocrinology and metabolism.

Thapa N, et al. (2024) A p85 isoform switch enhances PI3K activation on endosomes by a MAP4- and PI3P-dependent mechanism. Cell reports, 43(5), 114119.

Hunt EG, et al. (2024) Acetyl-CoA carboxylase obstructs CD8+ T cell lipid utilization in the tumor microenvironment. *Cell metabolism*.

Carey A, et al. (2024) Age-associated accumulation of B cells promotes macrophage inflammation and inhibits lipolysis in adipose tissue during sepsis. *Cell reports*, 43(3), 113967.

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. *Molecular cell*, 84(8), 1475.

Franco-Enzástiga Ú, et al. (2024) Vinorelbine causes a neuropathic pain-like state in mice via STING and MNK1 signaling associated with type I interferon induction. *iScience*, 27(2), 108808.

Thangavel H, et al. (2024) Adipocyte-released adipomes in Chagas cardiomyopathy: Impact on cardiac metabolic and immune regulation. *iScience*, 27(5), 109672.

Gross A, et al. (2024) Skraban-Deardorff intellectual disability syndrome-associated mutations in WDR26 impair CTLH E3 complex assembly. *FEBS letters*, 598(9), 978.

Capdevila C, et al. (2024) Time-resolved fate mapping identifies the intestinal upper crypt zone as an origin of Lgr5+ crypt base columnar cells. *Cell*, 187(12), 3039.

Huang S, et al. (2024) Disruption of the Na⁺/K⁺-ATPase-purinergic P2X7 receptor complex in microglia promotes stress-induced anxiety. *Immunity*, 57(3), 495.

Barge S, et al. (2024) Role of ecto-5'-nucleotidase in bladder function. *FASEB journal* : official publication of the Federation of American Societies for Experimental Biology, 38(2), e23416.

Zhang Y, et al. (2024) Single-cell omics identifies inflammatory signaling as a trans-differentiation trigger in mouse embryos. *Developmental cell*.

Knuth CM, et al. (2024) Subcutaneous white adipose tissue independently regulates burn-induced hypermetabolism via immune-adipose crosstalk. *Cell reports*, 43(1), 113584.