

Resource Summary Report

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beta Actin antibody - Loading Control

RRID:AB_2305186

Type: Antibody

Proper Citation

(Abcam Cat# ab8227, RRID:AB_2305186)

Antibody Information

URL: http://antibodyregistry.org/AB_2305186

Proper Citation: (Abcam Cat# ab8227, RRID:AB_2305186)

Target Antigen: beta Actin antibody - Loading Control

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA, ICC, ICC/IF, IHC-Fr, IHC-FrFI, IHC-P, IP, WB; Immunofluorescence; Immunohistochemistry; ELISA; Immunohistochemistry - frozen; Immunoprecipitation; Immunocytochemistry; Western Blot; Immunohistochemistry - fixed

Antibody Name: beta Actin antibody - Loading Control

Description: This polyclonal targets beta Actin antibody - Loading Control

Target Organism: chicken, monkey, rat, hamster, xenopusamphibian, porcine, canine, cow, pig, mouse, chickenbird, zebrafishfish, rabbit, fish, bovine, human, dog, sheep

Antibody ID: AB_2305186

Vendor: Abcam

Catalog Number: ab8227

Record Creation Time: 20241016T233857+0000

Record Last Update: 20241017T010222+0000

Ratings and Alerts

No rating or validation information has been found for beta Actin antibody - Loading Control.

No alerts have been found for beta Actin antibody - Loading Control.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 281 mentions in open access literature.

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

Zheng M, et al. (2025) Exercise preconditioning alleviates ischemia-induced memory deficits by increasing circulating adiponectin. *Neural regeneration research*, 20(5), 1445.

Muñoz S, et al. (2024) SIN3A histone deacetylase action counteracts MUS81 to promote stalled fork stability. *Cell reports*, 43(2), 113778.

Tenthorey JL, et al. (2024) Indels allow antiviral proteins to evolve functional novelty inaccessible by missense mutations. *bioRxiv : the preprint server for biology*.

Lai Q, et al. (2024) Hypomethylation-associated LINC00987 downregulation induced lung adenocarcinoma progression by inhibiting the phosphorylation-mediated degradation of SND1. *Molecular carcinogenesis*, 63(7), 1260.

Abdel-Wahab BA, et al. (2024) Nicorandil mitigates arsenic trioxide-induced lung injury via modulating vital signalling pathways SIRT1/PGC-1 α /TFAM, JAK1/STAT3, and miRNA-132 expression. *British journal of pharmacology*, 181(17), 3215.

Shim A, et al. (2024) Mutations in the non-catalytic polyproline motif destabilize TREX1 and amplify cGAS-STING signaling. *bioRxiv : the preprint server for biology*.

Talreja J, et al. (2024) MIF modulates p38/ERK phosphorylation via MKP-1 induction in sarcoidosis. *iScience*, 27(1), 108746.

Tang X, et al. (2024) Treatment with β -sitosterol ameliorates the effects of cerebral ischemia/reperfusion injury by suppressing cholesterol overload, endoplasmic reticulum stress, and apoptosis. *Neural regeneration research*, 19(3), 642.

Martins-Costa C, et al. (2024) ARID1B controls transcriptional programs of axon projection in

an organoid model of the human corpus callosum. *Cell stem cell*, 31(6), 866.

Mei Y, et al. (2024) IL-37 dampens immunosuppressive functions of MDSCs via metabolic reprogramming in the tumor microenvironment. *Cell reports*, 43(3), 113835.

Jain NK, et al. (2024) Comprehensive mutagenesis maps the effect of all single-codon mutations in the AAV2 rep gene on AAV production. *eLife*, 12.

Yang L, et al. (2024) GRIM19 deficiency aggravates metabolic disorder and ovarian dysfunction in PCOS. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(4), 167063.

Tirumala NA, et al. (2024) Single-molecule imaging of stochastic interactions that drive dynein activation and cargo movement in cells. *The Journal of cell biology*, 223(3).

Ziegler AL, et al. (2024) Enteric glial cell network function is required for epithelial barrier restitution following intestinal ischemic injury in the early postnatal period. *American journal of physiology. Gastrointestinal and liver physiology*, 326(3), G228.

Wang S, et al. (2024) GLP-1(7-36) protected against oxidative damage and neuronal apoptosis in the hippocampal CA region after traumatic brain injury by regulating ERK5/CREB. *Molecular biology reports*, 51(1), 313.

Rana AK, et al. (2024) γ -Hydroxybutyrate Improves the Redox Status, Cytokine Production and Phagocytic Potency of Glucose-Deprived HMC3 Human Microglia-like Cells. *Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology*, 19(1), 35.

Pecci V, et al. (2024) Targeting of H19/cell adhesion molecules circuitry by GSK-J4 epidrug inhibits metastatic progression in prostate cancer. *Cancer cell international*, 24(1), 56.

Wang Y, et al. (2024) OVOL2 induces autophagy-mediated epithelial-mesenchymal transition by the ERK1/2 MAPK signaling in lung adenocarcinoma. *iScience*, 27(2), 108873.

Zhang N, et al. (2024) Cell surface RNAs control neutrophil recruitment. *Cell*, 187(4), 846.

Bassetto M, et al. (2024) Dominant role for pigment epithelial CRALBP in supplying visual chromophore to photoreceptors. *Cell reports*, 43(5), 114143.