

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

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: Actb

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, ELISA, immunoprecipitation, immunohistochemistry, immunocytochemistry

Antibody Name: beta Actin antibody - Loading Control

Description: This polyclonal targets Actb

Target Organism: chicken, cow, mouse, dog, human

Antibody ID: AB_2305186

Vendor: Abcam

Catalog Number: ab8227

Record Creation Time: 20231110T045158+0000

Record Last Update: 20260829T105027+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 350 mentions in open access literature.

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

Ghirotto B, et al. (2026) TNF alpha unmasks enteric malate aspartate shuttle dysfunction bridging Parkinson disease and intestinal inflammation. *Nature communications*, 17(1).

Dai Y, et al. (2026) Silencing the fibronectin gene (FN1) improves NaCl-induced cardiac fibrosis via ferritinophagy-mediated ferroptosis in a nuclear receptor coactivator 4 (NCOA4)-dependent manner. *British journal of pharmacology*, 183(3), 581.

Rivera M, et al. (2026) APOBEC3B enhances the efficacy of PARP inhibitors in elimination of ovarian cancer stem cell. *Scientific reports*, 16(1), 5194.

Yao J, et al. (2026) Molecular mechanism of hydromorphone preconditioning in cerebral ischemia/reperfusion?induced inflammatory injury. *International journal of molecular medicine*, 58(2).

Fan M, et al. (2026) Genistein-3'-sodium sulfonate improves neuroinflammation, blood-brain barrier function, and microglial activation after chronic cerebral hypoperfusion by regulating TGR5. *Metabolic brain disease*, 41(1).

Chen X, et al. (2026) Fat mass and obesity-mediated N 6 -methyladenosine modification modulates neuroinflammatory responses after traumatic brain injury. *Neural regeneration research*, 21(2), 730.

Zhang Y, et al. (2026) Macrophage-Targeted Nanocarriers Based on Tetrahedral DNA Nanostructure Alleviate Sepsis-Induced Acute Lung Injury by Triple-Pathway Suppression of Pyroptosis. *ACS applied materials & interfaces*, 18(14), 20128.

Feng G, et al. (2026) Mild hypothermia inhibits the inflammatory response and microglial M1 polarization in ischemic stroke via the EFNB2/EphB4 pathway. *Metabolic brain disease*, 41(1).

Ishikawa KI, et al. (2026) Suppression of ATM kinase signaling accelerates cellular senescence. *Stem cell reports*, 21(7), 102956.

Ma J, et al. (2026) Paired pre- and post-transplant human immunoprofiling identifies an IFN- γ -JAK1 axis limiting stem-cell-derived RPE engraftment. *Cell stem cell*, 33(7), 1127.

Hasanzadeh M, et al. (2026) Bromelain administration improves learning and memory, reduces astrogliosis, and increases BDNF expression in rats with thioacetamide-induced hepatic encephalopathy model. *Neuropeptides*, 118, 102641.

Schulz A, et al. (2026) LAMA5 links extracellular matrix organization to a candidate WNT-associated endothelial signaling niche during human chondrogenesis. *iScience*, 29(8), 116687.

Zhang R, et al. (2026) Covalent modification of a glutamic acid inspired by HaloTag technology. *Nature communications*, 17(1), 1257.

Postlmayr A, et al. (2026) Functionally distinct ALK and ROS1 fusions detected in infant-type hemispheric gliomas converge on STAT3 and SHP2 activation. *Cell reports*, 45(3), 117046.

Zhao L, et al. (2026) Iturin derived from *Bacillus* modulates lipid and glucose metabolism while mitigating the progression of MASLD. *iScience*, 29(4), 115470.

Dong Z, et al. (2026) Molecular Mechanism of NSUN6-Mediated Epigenetic Modifications in the Malignant Progression of Colorectal Cancer Cells. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 40(10), e71883.

Zheng L, et al. (2026) Type I unconventional protein secretion of the SARS-CoV-2 nucleocapsid protein promotes inflammatory cytokine release. *Cell reports*, 45(7), 117613.

Kuno M, et al. (2026) PTP1B deficiency in the reward system suppressed the rewarding value of a high-fat diet. *Brain research bulletin*, 244, 112042.

Padmanabhan N, et al. (2026) Neurexin-1 β drives synaptic transmission through structural integration of neurotransmitter release machinery and postsynaptic receptor nanodomains. *Neuron*.

Dong X, et al. (2026) Synthetic cleavage-resistant TREM2 boosts macrophage efferocytosis to treat inflammatory diseases. *Cell reports. Medicine*, 7(2), 102580.