

Resource Summary Report

Generated by RRID on Aug 1, 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: 20250819T231509+0000

Record Last Update: 20250820T044540+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 318 mentions in open access literature.

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

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.

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.

An P, et al. (2026) Repression of Polycomb Group Factor 1 Inhibits EMT Progression in Colon Cancers Cells via Wnt/ β -Catenin and PI3K/Akt/mTOR Signaling Pathway. *Digestive diseases and sciences*.

Song Y, et al. (2026) A glycolytic shunt via the pentose phosphate pathway is a metabolic checkpoint for nervous system sensory homeostasis and axonal regeneration. *Cell*.

Du M, et al. (2025) CircYAP1 inhibits osteosarcoma progression through the miR-135b-5p/FRK axis. *iScience*, 28(7), 112858.

Garcia GL, et al. (2025) Aged and BRCA-Mutated Stromal Cells Drive Epithelial Cell Transformation. *Cancer discovery*, 15(6), 1203.

Shan M, et al. (2025) Itaconate promotes inflammatory responses in tissue-resident alveolar macrophages and exacerbates acute lung injury. *Cell metabolism*, 37(8), 1750.

Imani-Almas E, et al. (2025) 4-aminopyridine exerts anxiolytic and pro-cognitive effects in mice model of medial prefrontal cortex ischemia. *Metabolic brain disease*, 40(7), 264.

Xiao B, et al. (2025) Treadmill exercise in combination with acousto-optic and olfactory stimulation improves cognitive function in APP/PS1 mice through the brain-derived neurotrophic factor- and Cygb-associated signaling pathways. *Neural regeneration research*, 20(9), 2706.

Martínez-Aguilar R, et al. (2025) Limiting Premenstrual Endometrial Hypoxia Inducible Factor 2 Alpha May Fine-Tune Endometrial Function at Menstruation. *The Journal of clinical endocrinology and metabolism*, 110(4), 1135.

Wang X, et al. (2025) Cell-specific Nav1.6 knockdown reduced astrocyte-derived A β by reverse Na⁺-Ca²⁺ transporter-mediated autophagy in alzheimer-like mice. *Journal of advanced research*, 72, 451.

Yasuda E, et al. (2025) Potential mechanisms for chorioamniotic membrane rupture after subchorionic hematoma. *American journal of obstetrics and gynecology*, 233(2), 125.e1.

Wang M, et al. (2025) Enhanced Small Extracellular Vesicle Uptake by Activated Interneurons Improves Stroke Recovery in Mice. *Journal of extracellular biology*, 4(3), e70036.

Khan N, et al. (2025) Human Papillomavirus Integration Induces Oncogenic Host Gene Fusions in Oropharyngeal Cancers. *Cancer discovery*, 15(9), 1927.

Yang X, et al. (2025) Berberine Protects Pancreatic β -Cells From IL-1 β Damage Through Hormetic Mechanisms Via P53-Mediated Apoptosis Pathways. *Endocrinology*, 166(9).

Chu CH, et al. (2025) Intermittent Hypoxia Damages Tyrosine Hydroxylase-Containing Neurons in the Substantia Nigra and Locus Coeruleus but Not Hippocampal Neurons in Male Mouse Models of Early-Stage Sleep Apnea. *Journal of neuroscience research*, 103(6), e70050.

Lanz AJ, et al. (2025) HDAC6-dependent deacetylation of SAE2 enhances SUMO1 conjugation for mitotic integrity. *The EMBO journal*.

Yang H, et al. (2025) FAM49B mediates tumor progression and poor prognosis of gastric cancer through activating PI3K/AKT pathway. *Journal of molecular histology*, 56(5), 291.

Jeon MT, et al. (2025) TNF- α -NF- κ B activation through pathological α -Synuclein disrupts the BBB and exacerbates axonopathy. *Cell reports*, 44(7), 116001.

Lu H, et al. (2025) Targeted splicing approach for alleviation of a neurexin 1 haploinsufficiency model. *Molecular psychiatry*, 30(9), 4353.