

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

Beta Actin antibody

RRID:AB_2687938

Type: Antibody

Proper Citation

(Proteintech Cat# 66009-1-Ig, RRID:AB_2687938)

Antibody Information

URL: http://antibodyregistry.org/AB_2687938

Proper Citation: (Proteintech Cat# 66009-1-Ig, RRID:AB_2687938)

Target Antigen: Beta Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, FC, ELISA

Antibody Name: Beta Actin antibody

Description: This monoclonal targets Beta Actin

Target Organism: Human, Rat, Monkey, Zebrafish, Mouse, Dog, Hamster

Clone ID: 2D4H5

Antibody ID: AB_2687938

Vendor: Proteintech

Catalog Number: 66009-1-Ig

Record Creation Time: 20260319T082508+0000

Record Last Update: 20260513T213725+0000

Ratings and Alerts

No rating or validation information has been found for Beta Actin antibody.

No alerts have been found for Beta Actin antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 361 mentions in open access literature.

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

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. Neural regeneration research, 21(4), 1574.

Wang D, et al. (2026) UBE2O-mediated monoubiquitination licenses NLRP6 inflammasome activation in the intestine. Cell host & microbe, 34(1), 86.

Guo Y, et al. (2026) Macrophage glycine transporter supports IL-1 β production by modulating the AKT1/mTOR/NLRP3 pathway. Cell reports, 45(1), 116683.

Yang Q, et al. (2026) Molecular mechanism of resistance to lonafarnib conferred by mutations in the cysteine-rich region of respiratory syncytial virus fusion glycoprotein and discovery of a lonafarnib-derived antiviral PROTAC. Journal of virology, 100(1), e0148725.

Jiang T, et al. (2026) Blood-brain barrier disruption and neuroinflammation in the hippocampus of a cardiac arrest porcine model: Single-cell RNA sequencing analysis. Neural regeneration research, 21(2), 742.

Wang Y, et al. (2026) NAT10 drives hepatocellular carcinoma progression through SQLE-mediated cholesterol biosynthesis and is targetable by remodelin. iScience, 29(1), 114488.

Pan K, et al. (2026) Lysine methylation-mediated SMYD2 degradation by casticin sensitizes non-small-cell lung cancer cells to osimertinib therapy. Biochemical pharmacology, 243(Pt 2), 117562.

Lu P, et al. (2026) Bromodomain-containing protein 4 knockdown promotes neuronal ferroptosis in a mouse model of subarachnoid hemorrhage. Neural regeneration research, 21(2), 715.

Wu M, et al. (2025) Acute hyperglycemia impedes spinal cord injury recovery via triggering excessive ferroptosis of endothelial cells. International journal of biological macromolecules, 301, 140453.

Mu Y, et al. (2025) Müller cells are activated in response to retinal outer nuclear layer degeneration in rats subjected to simulated weightlessness conditions. Neural regeneration research, 20(7), 2116.

Liu R, et al. (2025) Nuclear GTPSCS functions as a lactyl-CoA synthetase to promote histone lactylation and gliomagenesis. *Cell metabolism*, 37(2), 377.

Li D, et al. (2025) Potential Probiotic *Lactobacillus rhamnosus* NKU FL1-11 Prevents Aging-Related Oxidative Stress and Inflammation via mTOR and FoxO Signaling Pathways in Zebrafish. *Probiotics and antimicrobial proteins*.

Lan TH, et al. (2025) METTL3 promotes peritoneal metastasis of colorectal cancer through regulating m6A modification of NRXN3 mRNA. *iScience*, 28(8), 113165.

Yu X, et al. (2025) UBE2J2 is essential for the progression of meiosis prophase I during spermatogenesis in mice. *iScience*, 28(8), 112878.

Teisseire M, et al. (2025) De Novo Serine Synthesis Is a Metabolic Vulnerability That Can Be Exploited to Overcome Sunitinib Resistance in Advanced Renal Cell Carcinoma. *Cancer research*, 85(10), 1857.

Bai L, et al. (2025) Activation of IL-2/IL-2R pathway by *Hedyotis diffusa* polysaccharide improves immunotherapy in colorectal cancer. *International journal of biological macromolecules*, 306(Pt 4), 141013.

Zhang Y, et al. (2025) Xiaoyaosan alleviates chronic psychological stress-induced TH17/Treg imbalance via modulation of the FKBP5/NF- κ B axis. *Journal of ethnopharmacology*, 352, 120184.

Yan R, et al. (2025) Inhibition of spreading depolarizations by targeting GABAA receptors and voltage-gated sodium channels improves neurological deficits in rats with traumatic brain injury. *British journal of pharmacology*.

Peng Z, et al. (2025) YEATS4 reads histone crotonylation to promote fatty acid metabolism and cancer cell stemness. *Cell reports*, 44(10), 116400.

Chai L, et al. (2025) IRG1 catalyzed energy metabolite itaconic acid restrains type I interferon-dependent immune responses by alkylation of TBK1. *Cell reports*, 44(10), 116336.