

# Resource Summary Report

Generated by PRECISE-TBI on Aug 15, 2026

## beta Actin antibody [GT5512]

RRID:AB\_2728646

Type: Antibody

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### Proper Citation

GeneTex Cat# GTX629630, RRID:AB\_2728646

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2728646](http://antibodyregistry.org/AB_2728646)

**Proper Citation:** GeneTex Cat# GTX629630, RRID:AB\_2728646

**Target Antigen:** beta Actin

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: WB, ICC/IF, IHC-P, IP

**Antibody Name:** beta Actin antibody [GT5512]

**Description:** This monoclonal targets beta Actin

**Target Organism:** Human, Xenopus, Yeast, Rat, Drosophila, Monkey, Rabbit, Zebrafish, Mouse, Goat, Dog

**Clone ID:** clone GT5512

**Antibody ID:** AB\_2728646

**Vendor:** GeneTex

**Catalog Number:** GTX629630

**Record Creation Time:** 20250819T234246+0000

**Record Last Update:** 20250820T061127+0000

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### Ratings and Alerts

No rating or validation information has been found for beta Actin antibody [GT5512].

No alerts have been found for beta Actin antibody [GT5512].

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Balakrishnan K, et al. (2025) Inhibition of coronaviral exonuclease activity by TRIM-mediated SUMOylation. bioRxiv : the preprint server for biology.

Hanford KML, et al. (2025) Protocol to generate a 3D atherogenesis-on-chip model for studying endothelial-macrophage crosstalk in atherogenesis. STAR protocols, 6(1), 103559.

Chan YS, et al. (2025)  $\gamma$ -catenin functions as a molecular adapter for disordered cBAF interactions. Molecular cell, 85(16), 3041.

Martínez-Magaña CJ, et al. (2024) Spinal bestrophin-1 and anoctamin-1 channels have a pronociceptive role in the tactile allodynia induced by REM sleep deprivation in rats. Brain research, 1834, 148915.

Li PC, et al. (2024) Forkhead box M1 mediates metabolic reprogramming in human colorectal cancer cells. American journal of physiology. Gastrointestinal and liver physiology, 327(2), G284.

Cermakova K, et al. (2024) Reactivation of the G1 enhancer landscape underlies core circuitry addiction to SWI/SNF. Nucleic acids research, 52(1), 4.

Xu M, et al. (2023) Heat shock factor 1 (HSF1) specifically potentiates c-MYC-mediated transcription independently of the canonical heat shock response. Cell reports, 42(6), 112557.

Vidyadhara DJ, et al. (2023) Dopamine transporter and synaptic vesicle sorting defects underlie auxilin-associated Parkinson's disease. Cell reports, 42(3), 112231.

Yin J, et al. (2023) Cross-talk between PARN and EGFR-STAT3 Signaling Facilitates Self-Renewal and Proliferation of Glioblastoma Stem Cells. Cancer research, 83(22), 3693.

Guichard A, et al. (2023) A comprehensive Drosophila resource to identify key functional interactions between SARS-CoV-2 factors and host proteins. Cell reports, 42(8), 112842.

Hage A, et al. (2022) The RNA helicase DHX16 recognizes specific viral RNA to trigger RIG-I-dependent innate antiviral immunity. Cell reports, 38(10), 110434.

George AJ, et al. (2022) The E3 ubiquitin ligase RNF216/TRIAD3 is a key coordinator of the hypothalamic-pituitary-gonadal axis. iScience, 25(6), 104386.

Gorenberg EL, et al. (2022) Identification of substrates of palmitoyl protein thioesterase 1 highlights roles of depalmitoylation in disulfide bond formation and synaptic function. *PLoS biology*, 20(3), e3001590.

Taylor HBC, et al. (2021) Long-term depression links amyloid- $\beta$  to the pathological hyperphosphorylation of tau. *Cell reports*, 36(9), 109638.

Franco-Enzástiga Ú, et al. (2021) Sex-dependent pronociceptive role of spinal  $\gamma$ 5 -GABAA receptor and its epigenetic regulation in neuropathic rodents. *Journal of neurochemistry*, 156(6), 897.

Hao Z, et al. (2020) N6-Deoxyadenosine Methylation in Mammalian Mitochondrial DNA. *Molecular cell*, 78(3), 382.

Echeverría-Rodríguez O, et al. (2020) Angiotensin-(1-7) Participates in Enhanced Skeletal Muscle Insulin Sensitivity After a Bout of Exercise. *Journal of the Endocrine Society*, 4(2), bvaa007.

Wang C, et al. (2020) Secreted Pyruvate Kinase M2 Promotes Lung Cancer Metastasis through Activating the Integrin Beta1/FAK Signaling Pathway. *Cell reports*, 30(6), 1780.

Evagelou SL, et al. (2020) DEAD Box Protein Family Member DDX28 Is a Negative Regulator of Hypoxia-Inducible Factor 2 $\alpha$ - and Eukaryotic Initiation Factor 4E2-Directed Hypoxic Translation. *Molecular and cellular biology*, 40(6).

Riedl W, et al. (2019) Zika Virus NS3 Mimics a Cellular 14-3-3-Binding Motif to Antagonize RIG-I- and MDA5-Mediated Innate Immunity. *Cell host & microbe*, 26(4), 493.