

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Aurora B antibody

RRID:AB_302923

Type: Antibody

Proper Citation

Abcam Cat# ab2254, RRID:AB_302923

Antibody Information

URL: http://antibodyregistry.org/AB_302923

Proper Citation: Abcam Cat# ab2254, RRID:AB_302923

Target Antigen: Aurora B antibody

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: Aurora B antibody

Description: This polyclonal targets Aurora B antibody

Target Organism: rat, hamster, mouse, human

Antibody ID: AB_302923

Vendor: Abcam

Catalog Number: ab2254

Record Creation Time: 20250820T033742+0000

Record Last Update: 20250820T164523+0000

Ratings and Alerts

No rating or validation information has been found for Aurora B antibody.

No alerts have been found for Aurora B antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Lim G, et al. (2025) AURKB and PI3K/AKT/mTOR pathways converge to regulate TERT expression. *iScience*, 28(8), 113194.

Galindo-Moreno M, et al. (2025) Aurora B and INCENP co-overexpression severely disrupts mitosis and distinctly modifies the global transcriptional landscape. *iScience*, 28(6), 112731.

Tanaka S, et al. (2025) Fatty acid metabolism suppresses neonatal cardiomyocyte proliferation by increasing PDK4 and HMGCS2 expression through PPAR?. *PloS one*, 20(5), e0318178.

Ruza RR, et al. (2025) A pivot-tether model for nucleosome recognition by the chromosomal passenger complex. *EMBO reports*, 26(17), 4219.

Lemay SE, et al. (2025) Unraveling AURKB as a potential therapeutic target in pulmonary hypertension using integrated transcriptomic analysis and pre-clinical studies. *Cell reports. Medicine*, 6(2), 101964.

Canato S, et al. (2025) Survivin Promotes Stem Cell Competence for Skin Cancer Initiation. *Cancer discovery*, 15(2), 427.

Li M, et al. (2024) MiR-431 promotes cardiomyocyte proliferation by targeting FBXO32 expression. *The journal of gene medicine*, 26(1), e3656.

Li B, et al. (2024) Protocol to evaluate rat and mouse cardiomyocyte proliferation in vitro and in vivo. *STAR protocols*, 5(3), 103204.

Hedtfeld M, et al. (2024) A validation strategy to assess the role of phase separation as a determinant of macromolecular localization. *Molecular cell*, 84(9), 1783.

Ji X, et al. (2024) Sphingolipid metabolism controls mammalian heart regeneration. *Cell metabolism*, 36(4), 839.

Hedtfeld M, et al. (2024) Protocol for validating liquid-liquid phase separation as a driver of membraneless organelle assembly in vitro and in human cells. *STAR protocols*, 5(4), 103410.

Coleman JC, et al. (2024) The RNA binding proteins LARP4A and LARP4B promote sarcoma and carcinoma growth and metastasis. *iScience*, 27(4), 109288.

Cui M, et al. (2023) Transcription factor NFYA controls cardiomyocyte metabolism and proliferation during mouse fetal heart development. *Developmental cell*, 58(24), 2867.

Du J, et al. (2022) A small-molecule cocktail promotes mammalian cardiomyocyte proliferation and heart regeneration. *Cell stem cell*, 29(4), 545.

Song J, et al. (2022) The ubiquitin-ligase TRAF6 and TGF β type I receptor form a complex with Aurora kinase B contributing to mitotic progression and cytokinesis in cancer cells. *EBioMedicine*, 82, 104155.

Gan P, et al. (2022) RBPMS is an RNA-binding protein that mediates cardiomyocyte binucleation and cardiovascular development. *Developmental cell*, 57(8), 959.

Tan J, et al. (2022) Moderate heart rate reduction promotes cardiac regeneration through stimulation of the metabolic pattern switch. *Cell reports*, 38(10), 110468.

Lan C, et al. (2022) Inhibition of DYRK1A, via histone modification, promotes cardiomyocyte cell cycle activation and cardiac repair after myocardial infarction. *EBioMedicine*, 82, 104139.

Chardon F, et al. (2022) CENP-B-mediated DNA loops regulate activity and stability of human centromeres. *Molecular cell*, 82(9), 1751.

Papini D, et al. (2021) The Aurora B gradient sustains kinetochore stability in anaphase. *Cell reports*, 37(6), 109818.