

# Resource Summary Report

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

## Rabbit Anti-Aurora B Polyclonal Antibody, Unconjugated

RRID:AB\_302923

Type: Antibody

### Proper Citation

Abcam Cat# ab2254, RRID:AB\_302923

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_302923](http://antibodyregistry.org/AB_302923)

**Proper Citation:** Abcam Cat# ab2254, RRID:AB\_302923

**Target Antigen:** Aurora B

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry/Immunofluorescence, Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P, Immunoprecipitation, Western Blot

**Antibody Name:** Rabbit Anti-Aurora B Polyclonal Antibody, Unconjugated

**Description:** This polyclonal targets Aurora B

**Target Organism:** rat, hamster, mouse, human

**Antibody ID:** AB\_302923

**Vendor:** Abcam

**Catalog Number:** ab2254

**Record Creation Time:** 20250820T062908+0000

**Record Last Update:** 20250821T001450+0000

### Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Aurora B Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Aurora B Polyclonal Antibody, Unconjugated.

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## Data and Source Information

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

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## 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.

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

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

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.