

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

alpha Tubulin antibody - Loading Control

RRID:AB_2288001

Type: Antibody

Proper Citation

Abcam Cat# ab4074, RRID:AB_2288001

Antibody Information

URL: http://antibodyregistry.org/AB_2288001

Proper Citation: Abcam Cat# ab4074, RRID:AB_2288001

Target Antigen: alpha Tubulin - Loading Control

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: alpha Tubulin antibody - Loading Control

Description: This polyclonal targets alpha Tubulin - Loading Control

Target Organism: mouse, human

Defining Citation: [PMID:20503421](#)

Antibody ID: AB_2288001

Vendor: Abcam

Catalog Number: ab4074

Record Creation Time: 20231110T044421+0000

Record Last Update: 20260829T080122+0000

Ratings and Alerts

No rating or validation information has been found for alpha Tubulin antibody - Loading Control.

No alerts have been found for alpha Tubulin antibody - Loading Control.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Dev S, et al. (2026) ATP7B-maintained copper stores in myeloid progenitors are required for functional maturation of neutrophils. *Cell reports*, 45(2), 116955.

Jeelani I, et al. (2025) CCL26 and CXCL12 preserve insulin-sensitizing macrophages in subcutaneous adipose tissue in obesity. *Cell reports*, 44(10), 116450.

Dumesic PA, et al. (2025) RBM43 controls PGC1 β translation and a PGC1 β -STING signaling axis. *Cell metabolism*, 37(3), 742.

Shilikbay T, et al. (2025) RNA helicase MOV10 suppresses fear memory and dendritic arborization and regulates microtubule dynamics in hippocampal neurons. *BMC biology*, 23(1), 36.

Sereesongsaeng N, et al. (2025) Degradation of LMO2 in T cell leukaemia results in collateral breakdown of transcription complex partners and causes LMO2-dependent apoptosis. *eLife*, 14.

Frey MM, et al. (2025) Are diurnal variations in glymphatic clearance driven by circadian regulation of Aquaporin-4 expression? *Fluids and barriers of the CNS*, 22(1), 64.

Karaushi T, et al. (2025) Plasma hepcidin level is elevated by water immersion-induced central fatigue via hepatic inflammatory response in male and female rats. *Physiological reports*, 13(15), e70468.

Shi L, et al. (2024) YAP mediates apoptosis through failed integrin adhesion reinforcement. *Cell reports*, 43(3), 113811.

Georgieva D, et al. (2024) BRCA1 and 53BP1 regulate reprogramming efficiency by mediating DNA repair pathway choice at replication-associated double-strand breaks. *Cell reports*, 43(4), 114006.

Sorbara M, et al. (2024) Protocol to identify E3 ligases amenable to biodegraders using a cell-based screening. *STAR protocols*, 5(4), 103413.

McKenna CF, et al. (2024) Postabsorptive and postprandial myofibrillar protein synthesis rates at rest and after resistance exercise in women with postmenopause. *Journal of applied physiology* (Bethesda, Md. : 1985), 136(6), 1388.

Cornebois A, et al. (2024) Discovery of SOCS7 as a versatile E3 ligase for protein-based degraders. *iScience*, 27(5), 109802.

Do BT, et al. (2024) Nucleotide depletion promotes cell fate transitions by inducing DNA replication stress. *Developmental cell*, 59(16), 2203.

Li S, et al. (2023) Cytosolic DNA sensing by cGAS/STING promotes TRPV2-mediated Ca²⁺ release to protect stressed replication forks. *Molecular cell*, 83(4), 556.

Hu S, et al. (2023) Hepatocytic lipocalin-2 controls HDL metabolism and atherosclerosis via Nedd4-1-SR-BI axis in mice. *Developmental cell*, 58(21), 2326.

Paulussen KJ, et al. (2023) Underpinning the Food Matrix Regulation of Postexercise Myofibrillar Protein Synthesis by Comparing Salmon Ingestion With the Sum of Its Isolated Nutrients in Healthy Young Adults. *The Journal of nutrition*, 153(5), 1359.

Rudjord-Levann AM, et al. (2023) Galectin-1 induces a tumor-associated macrophage phenotype and upregulates indoleamine 2,3-dioxygenase-1. *iScience*, 26(7), 106984.

Viegas JO, et al. (2022) RNA degradation eliminates developmental transcripts during murine embryonic stem cell differentiation via CAPRIN1-XRN2. *Developmental cell*, 57(24), 2731.

Zhao M, et al. (2022) Phosphoproteomic mapping reveals distinct signaling actions and activation of muscle protein synthesis by Isthmin-1. *eLife*, 11.

Takahashi K, et al. (2022) TGF- β generates a population of cancer cells residing in G1 phase with high motility and metastatic potential via KRTAP2-3. *Cell reports*, 40(13), 111411.