

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

HSP70 Antibody

RRID:AB_2279841

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4872, RRID:AB_2279841

Antibody Information

URL: http://antibodyregistry.org/AB_2279841

Proper Citation: Cell Signaling Technology Cat# 4872, RRID:AB_2279841

Target Antigen: HSP70

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IHC-P. Consolidation on 11/2018: AB_10693928, AB_10831664, AB_2279841.

Antibody Name: HSP70 Antibody

Description: This polyclonal targets HSP70

Target Organism: b, rat, h, m, mouse, r, bovine, human, mk

Antibody ID: AB_2279841

Vendor: Cell Signaling Technology

Catalog Number: 4872

Record Creation Time: 20250820T062719+0000

Record Last Update: 20250821T000940+0000

Ratings and Alerts

No rating or validation information has been found for HSP70 Antibody.

No alerts have been found for HSP70 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Liu S, et al. (2026) Polyethylene terephthalate microplastics impair erectile function through macrophage mediated cGAS-STING ferroptosis. *iScience*, 29(3), 115044.

Nguyen TT, et al. (2026) NN-01-195, a Novel Conjugate of HSP90 and AURKA Inhibitors, Effectively Targets Solid Tumors. *Molecular cancer therapeutics*, 25(8), 1231.

Castro RC, et al. (2026) Extracellular Vesicles Favor Early Peripheral Immunosenescence Through Modulation of the Senescence-Associated Secretory Phenotype in HIV Infection. *Aging cell*, 25(1), e70320.

Kosz?a O, et al. (2026) Dual-action strategy to reprogram chaperone activity for α -synuclein aggregate clearance in Parkinson's disease. *International journal of biological macromolecules*, 347, 150730.

Hung HF, et al. (2026) Centrosome linker protein CEP68 modulates cellular stress responses via nuclear condensate formation and HSP27 interaction. *iScience*, 29(7), 116491.

Parigi M, et al. (2025) Shining a Light on Skeletal Muscle Regeneration: Red Photobiomodulation Boosts Myoblast Differentiation In Vitro. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 39(21), e71107.

Begum S, et al. (2025) Modulating immune responses in alopecia: therapeutic insights and potential targets of antisense oligonucleotides. *BMC immunology*, 26(1), 26.

Doriguêto Gravina H, et al. (2025) Immune-Related Protein and Non-Coding RNA Cargo of Extracellular Vesicles Participate in the Chronic Inflammation Induced by HIV Infection. *Journal of extracellular biology*, 4(12), e70102.

Li S, et al. (2025) Glutamine synthetase modulates YAP activation by stabilizing LATS under glutamine homeostasis. *Cell reports*, 44(12), 116620.

Chelladurai M, et al. (2025) A heterodimer of hemoglobin identifies theranostic targets on brain-metastasizing melanoma cells. *International journal of cancer*, 157(4), 773.

Fuller OK, et al. (2025) Extracellular vesicles contribute to the beneficial effects of exercise training in APP/PS1 mice. *iScience*, 28(2), 111752.

Wu YY, et al. (2025) PKD and scaffold NHERF1 mediate hypoxia-induced gene expression in 3T3-L1 adipocytes. *Journal of molecular endocrinology*, 75(2).

Bhat SA, et al. (2024) Geranylgeranylated SCFFBXO10 regulates selective outer mitochondrial membrane proteostasis and function. *Cell reports*, 43(10), 114783.

Thomas PA, et al. (2024) Hypoxia Tolerance of Two Killifish Species. *Integrative and comparative biology*, 64(4), 1115.

Garland J, et al. (2024) Targeting HSP70-E7 Interaction With SHetA2: A Novel Therapeutic Strategy for Cervical Cancer. *Journal of medical virology*, 96(11), e70088.

Rakhymzhan A, et al. (2024) Optimized intravital three-photon imaging of intact mouse tibia links plasma cell motility to functional states. *iScience*, 27(10), 110985.

Ye F, et al. (2024) Endocytic activation and exosomal secretion of matriptase stimulate the second wave of EGF signaling to promote skin and breast cancer invasion. *Cell reports*, 43(4), 114002.

Rodríguez-Prados M, et al. (2023) MICU1 controls the sensitivity of the mitochondrial Ca²⁺ uniporter to activators and inhibitors. *Cell chemical biology*, 30(6), 606.

Zhou C, et al. (2022) Pituitary Somatotroph Adenoma-derived Exosomes: Characterization of Nonhormonal Actions. *The Journal of clinical endocrinology and metabolism*, 107(2), 379.

Mastroiacovo F, et al. (2022) Within the Ischemic Penumbra, Sub-Cellular Compartmentalization of Heat Shock Protein 70 Overlaps with Autophagy Proteins and Fails to Merge with Lysosomes. *Molecules (Basel, Switzerland)*, 27(10).