

Resource Summary Report

Generated by [RRID](#) on Aug 6, 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: 20250820T002952+0000

Record Last Update: 20250820T082528+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 28 mentions in open access literature.

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

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.

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

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.

Doriguëtto 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.

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

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

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

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.

Hu HL, et al. (2022) Single-cell transcriptomics identifies Gadd45b as a regulator of herpesvirus-reactivating neurons. *EMBO reports*, 23(2), e53543.

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).

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

Wu IH, et al. (2021) A role for the ribosome-associated complex in activation of the IRE1 branch of UPR. *Cell reports*, 35(10), 109217.

Li L, et al. (2021) Discovery of a covalent inhibitor of heat shock protein 90 with antitumor activity that blocks the co-chaperone binding via C-terminal modification. *Cell chemical biology*, 28(10), 1446.

Nguyen TT, et al. (2021) Mutations in the IFN γ -JAK-STAT Pathway Causing Resistance to Immune Checkpoint Inhibitors in Melanoma Increase Sensitivity to Oncolytic Virus Treatment. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(12), 3432.