

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

Clonality: unknown

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

Antibody Name: HSP70 Antibody

Description: This unknown targets HSP70

Target Organism: rat, mouse, human

Antibody ID: AB_2279841

Vendor: Cell Signaling Technology

Catalog Number: 4872

Record Creation Time: 20250820T011252+0000

Record Last Update: 20250820T101958+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

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.

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.

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.

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.

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.