

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

HSP60 (D307) Antibody

RRID:AB_2295614

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4870, RRID:AB_2295614

Antibody Information

URL: http://antibodyregistry.org/AB_2295614

Proper Citation: Cell Signaling Technology Cat# 4870, RRID:AB_2295614

Target Antigen: HSP60 (D307)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-IC, F. Consolidation on 10/2018: AB_10200746, AB_10828007, AB_2295614.

Antibody Name: HSP60 (D307) Antibody

Description: This polyclonal targets HSP60 (D307)

Target Organism: rat, drosophilaarthropod, h, dm, m, mouse, r, human, mk

Antibody ID: AB_2295614

Vendor: Cell Signaling Technology

Catalog Number: 4870

Record Creation Time: 20250819T220918+0000

Record Last Update: 20250820T011702+0000

Ratings and Alerts

No rating or validation information has been found for HSP60 (D307) Antibody.

No alerts have been found for HSP60 (D307) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Li Y, et al. (2025) Ectopic protein lysine methacrylation contributes to defects caused by loss of HIBCH or ECHS1. Cell reports, 44(3), 115379.

Zhang F, et al. (2024) Genetic and bioinformatic analyses reveal transcriptional networks underlying dual genomic coordination of mitochondrial biogenesis. bioRxiv : the preprint server for biology.

Sun Y, et al. (2024) A mitophagy sensor PPTC7 controls BNIP3 and NIX degradation to regulate mitochondrial mass. Molecular cell, 84(2), 327.

Zhou C, et al. (2024) TRABD modulates mitochondrial homeostasis and tissue integrity. Cell reports, 43(6), 114304.

Jiao M, et al. (2024) Targeting Catechol-O-Methyltransferase Induces Mitochondrial Dysfunction and Enhances the Efficacy of Radiotherapy in Glioma. Cancer research, 84(21), 3640.

Longo M, et al. (2024) Opposing roles for AMPK in regulating distinct mitophagy pathways. Molecular cell, 84(22), 4350.

Jiao M, et al. (2024) VHL loss enhances antitumor immunity by activating the anti-viral DNA-sensing pathway. iScience, 27(7), 110285.

Ward NP, et al. (2024) Mitochondrial respiratory function is preserved under cysteine starvation via glutathione catabolism in NSCLC. Nature communications, 15(1), 4244.

Saarela D, et al. (2024) Tagless LysoIP for immunoaffinity enrichment of native lysosomes from clinical samples. The Journal of clinical investigation.

Zhang F, et al. (2024) A transcription network underlies the dual genomic coordination of mitochondrial biogenesis. eLife, 13.

Wen H, et al. (2023) Hypoxic postconditioning restores mitophagy against transient global cerebral ischemia via Parkin-induced posttranslational modification of TBK1. Neurobiology of disease, 179, 106043.

Murari A, et al. (2023) Phospholipids can regulate complex I assembly independent of their role in maintaining mitochondrial membrane integrity. Cell reports, 42(8), 112846.

Wang Z, et al. (2023) Enhanced glycolysis-mediated energy production in alveolar stem cells is required for alveolar regeneration. Cell stem cell, 30(8), 1028.

Jain S, et al. (2022) Metabolic targeting of cancer by a ubiquinone uncompetitive inhibitor of mitochondrial complex I. *Cell chemical biology*, 29(3), 436.

Fanfone D, et al. (2022) Confined migration promotes cancer metastasis through resistance to anoikis and increased invasiveness. *eLife*, 11.

Rasool S, et al. (2022) Mechanism of PINK1 activation by autophosphorylation and insights into assembly on the TOM complex. *Molecular cell*, 82(1), 44.

Park H, et al. (2022) PAAN/MIF nuclease inhibition prevents neurodegeneration in Parkinson's disease. *Cell*, 185(11), 1943.

Fujii M, et al. (2022) TFAM expression in brown adipocytes confers obesity resistance by secreting extracellular vesicles that promote self-activation. *iScience*, 25(9), 104889.

Rana N, et al. (2022) GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. *Cell*, 185(2), 283.

Cao K, et al. (2022) Mitochondrial dynamics regulate genome stability via control of caspase-dependent DNA damage. *Developmental cell*, 57(10), 1211.