

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 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: Hspd1

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 Hspd1

Target Organism: rat, mouse, human

Antibody ID: AB_2295614

Vendor: Cell Signaling Technology

Catalog Number: 4870

Record Creation Time: 20250820T025516+0000

Record Last Update: 20250820T145216+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 37 mentions in open access literature.

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

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.

Li Z, et al. (2026) A negative regulator of mitochondrial complex I assembly adapts respiration to cellular energy demand. *Molecular cell*.

Zhao X, et al. (2026) Stuxnet balances mitochondria homeostasis by regulating uhg5 and parkin. *Cell reports*, 45(1), 116855.

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*.

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.

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.

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

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

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

Saarela D, et al. (2024) Tagless LysolIP 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.

Huang Y, et al. (2022) Pantothenate kinase 2 interacts with PINK1 to regulate mitochondrial quality control via acetyl-CoA metabolism. *Nature communications*, 13(1), 2412.

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