

Resource Summary Report

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Anti-Hsp70 antibody [5A5]

RRID:AB_303300

Type: Antibody

Proper Citation

(Abcam Cat# ab2787, RRID:AB_303300)

Antibody Information

URL: http://antibodyregistry.org/AB_303300

Proper Citation: (Abcam Cat# ab2787, RRID:AB_303300)

Target Antigen: Hsp70

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IHC-P, WB, ICC/IF, IP, Flow Cyt

Antibody Name: Anti-Hsp70 antibody [5A5]

Description: This monoclonal targets Hsp70

Target Organism: Human, Rat, African green monkey, Mouse, Dog

Clone ID: 5A5

Defining Citation: [PMID:23047754](#)

Antibody ID: AB_303300

Vendor: Abcam

Catalog Number: ab2787

Record Creation Time: 20231110T081458+0000

Record Last Update: 20241115T045117+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Hsp70 antibody [5A5].

No alerts have been found for Anti-Hsp70 antibody [5A5].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Muthukumar G, et al. (2024) Triaging of α -helical proteins to the mitochondrial outer membrane by distinct chaperone machinery based on substrate topology. *Molecular cell*, 84(6), 1101.

Garcia-Del Rio DF, et al. (2023) Protocol to identify human subcellular alternative protein interactions using cross-linking mass spectrometry. *STAR protocols*, 4(3), 102380.

Mullen N, et al. (2023) Sublethal Hyperthermia Transiently Disrupts Cortisol Steroidogenesis in Adrenocortical Cells. *Endocrinology*, 164(5).

Li J, et al. (2023) Oxygen-carrying sequential preservation mitigates liver grafts ischemia-reperfusion injury. *iScience*, 26(1), 105858.

Garcia-Del Rio DF, et al. (2023) Employing non-targeted interactomics approach and subcellular fractionation to increase our understanding of the ghost proteome. *iScience*, 26(2), 105943.

Lackie RE, et al. (2022) Stress-inducible phosphoprotein 1 (HOP/STI1/STIP1) regulates the accumulation and toxicity of α -synuclein in vivo. *Acta neuropathologica*, 144(5), 881.

Hinze L, et al. (2022) Supramolecular assembly of GSK3 β as a cellular response to amino acid starvation. *Molecular cell*, 82(15), 2858.

Mills BN, et al. (2022) Modulation of the Human Pancreatic Ductal Adenocarcinoma Immune Microenvironment by Stereotactic Body Radiotherapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(1), 150.

Prokhorova E, et al. (2021) Unrestrained poly-ADP-ribosylation provides insights into chromatin regulation and human disease. *Molecular cell*, 81(12), 2640.

D'Angelo L, et al. (2021) NDUFS3 depletion permits complex I maturation and reveals

TMEM126A/OPA7 as an assembly factor binding the ND4-module intermediate. *Cell reports*, 35(3), 109002.

Wang QZ, et al. (2021) Exosome-derived miR-196b-5p facilitates intercellular interaction in infantile hemangioma via down-regulating CDKN1B. *Annals of translational medicine*, 9(5), 394.

Lackie RE, et al. (2020) Increased levels of Stress-inducible phosphoprotein-1 accelerates amyloid- β deposition in a mouse model of Alzheimer's disease. *Acta neuropathologica communications*, 8(1), 143.

Lackie RE, et al. (2020) Modulation of hippocampal neuronal resilience during aging by the Hsp70/Hsp90 co-chaperone STI1. *Journal of neurochemistry*, 153(6), 727.

Zhou X, et al. (2020) Hyperthermia Increases Neurotoxicity Associated with Novel Methcathinones. *Cells*, 9(4).

Hu F, et al. (2019) Inhibition of Hsp70 Suppresses Neuronal Hyperexcitability and Attenuates Epilepsy by Enhancing A-Type Potassium Current. *Cell reports*, 26(1), 168.

Couch BA, et al. (2013) Delayed amyloid plaque deposition and behavioral deficits in outcrossed A β PP/PS1 mice. *The Journal of comparative neurology*, 521(6), 1395.