

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 2026

Total OXPHOS Rodent WB Antibody Cocktail

RRID:AB_2629281

Type: Antibody

Proper Citation

MitoScience LLC Cat# MS604, RRID:AB_2629281

Antibody Information

URL: http://antibodyregistry.org/AB_2629281

Proper Citation: MitoScience LLC Cat# MS604, RRID:AB_2629281

Target Antigen: OXPHOS

Clonality: unknown

Comments: Same as ab110413 from Abcam.

Antibody Name: Total OXPHOS Rodent WB Antibody Cocktail

Description: This unknown targets OXPHOS

Target Organism: rat, cow, mouse, human

Antibody ID: AB_2629281

Vendor: MitoScience LLC

Catalog Number: MS604

Record Creation Time: 20250819T230741+0000

Record Last Update: 20250820T042243+0000

Ratings and Alerts

No rating or validation information has been found for Total OXPHOS Rodent WB Antibody Cocktail .

No alerts have been found for Total OXPHOS Rodent WB Antibody Cocktail .

Data and Source Information

Usage and Citation Metrics

We found 235 mentions in open access literature.

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

Sharma AK, et al. (2026) DGAT-driven futile lipid cycling has a pronounced, yet concealed, thermogenic function. *Cell metabolism*.

Deng ZJ, et al. (2026) HMOX1 drives dihydroartemisinin-sensitized ferroptosis antagonized by mitochondrial fusion. *iScience*, 29(1), 114382.

Valeros J, et al. (2025) Rhoquinone carries electrons in the mammalian electron transport chain. *Cell*, 188(4), 1084.

Ito S, et al. (2025) Involvement of impaired carnitine-induced fatty acid oxidation in experimental and human diabetic kidney disease. *JCI insight*, 10(13).

Thompson AD, et al. (2025) 5-Hydroxytryptamine 1F receptor loss reduces renal vasculature and prevents lasmiditan-induced recovery following moderate-severe acute kidney injury in mice. *American journal of physiology. Renal physiology*, 329(6), F834.

Das A, et al. (2025) Adenylate cyclase 10 promotes brown adipose tissue thermogenesis. *iScience*, 28(2), 111833.

Thompson AD, et al. (2025) Lasmiditan induces mitochondrial biogenesis in primary mouse renal peritubular endothelial cells and augments wound healing and tubular network formation. *American journal of physiology. Cell physiology*, 328(4), C1318.

Wang H, et al. (2025) Adipocyte-specific Steap4 deficiency reduced thermogenesis and energy expenditure in mice. *iScience*, 28(2), 111903.

Zhang F, et al. (2025) The ESCRT protein CHMP5 restricts bone formation by controlling endolysosome-mitochondrion-mediated cell senescence. *eLife*, 13.

Egan CL, et al. (2025) The proteoglycan decorin does not influence adiposity, glucose tolerance, or aerobic exercise capacity in mice. *Physiological reports*, 13(13), e70424.

Meroni M, et al. (2025) Exploring multiorgan mitochondrial dysfunction in the switch toward progressive MASLD in AMLN mice. *iScience*, 28(9), 113449.

Hamanaka G, et al. (2025) Protocol for mitochondria lipid encapsulation using a dual-tube system for mitochondria transfer therapy. *STAR protocols*, 6(4), 104174.

Trushin S, et al. (2025) Therapeutic assessment of a novel mitochondrial complex I inhibitor in in vitro and in vivo models of Alzheimer's disease. *bioRxiv : the preprint server for biology*.

Auger C, et al. (2025) Identification of a molecular resistor that controls UCP1-independent Ca²⁺ cycling thermogenesis in adipose tissue. *Cell metabolism*, 37(6), 1311.

Jaeckstein MY, et al. (2025) The Purinergic Receptor P2X5 Modulates Glucose Metabolism and Expression of Thermogenic Genes in Brown Adipose Tissue. *International journal of molecular sciences*, 26(13).

Yildirim Z, et al. (2025) Parp3 assists muscle function and skeletal muscle differentiation by selectively adjusting H3K27me3 enrichment. *iScience*, 28(4), 112267.

Trushin S, et al. (2025) Therapeutic assessment of a novel mitochondrial complex I inhibitor in in vitro and in vivo models of Alzheimer's disease. *EBioMedicine*, 120, 105924.

Chemla A, et al. (2025) Parkinson's disease mutant Miro1 causes mitochondrial dysfunction and dopaminergic neuron loss. *Brain : a journal of neurology*.

Sprenger HG, et al. (2025) Ergothioneine controls mitochondrial function and exercise performance via direct activation of MPST. *Cell metabolism*, 37(4), 857.

Oyabu M, et al. (2025) Dnmt3a overexpression disrupts skeletal muscle homeostasis, promotes an aging-like phenotype, and reduces metabolic elasticity. *iScience*, 28(4), 112144.