

Resource Summary Report

Generated by PRECISE-TBI on Aug 23, 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 255 mentions in open access literature.

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

Mittenbühler MJ, et al. (2026) Proteomic profiling of extracellular fluids to identify secreted proteins from muscle and fat tissues. *Methods in cell biology*, 200, 171.

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

Nagata N, et al. (2026) Bmal1 regulates thermogenic function by modulation of lipolytic and oxidative phosphorylation gene expression in male mice brown adipocytes. *Endocrinology*, 167(4).

Hebisch M, et al. (2026) Recapitulation of plaque formation, tau pathology, and neurodegeneration in a human 3D matrix model of Alzheimer's disease. *Cell reports methods*, 6(4), 101365.

Rueda EM, et al. (2026) Electron transport chain activity balances cell cycle progression and differentiation of retinal progenitor cells. *Experimental eye research*, 270, 111127.

Landowski M, et al. (2026) Mitofusins are required for specialized mitochondrial morphology and function of rod photoreceptor cells. *Frontiers in cell and developmental biology*, 14, 1724328.

Chattopadhyay A, et al. (2026) Microsomal triglyceride transfer protein restricts steroid production in Leydig cells by regulating SREBP2. *iScience*, 29(6), 115817.

Kelly B, et al. (2026) Sulfur partitioning from cysteine controls T cell proliferation and effector function. *Cell*, 189(12), 3669.

Trushin S, et al. (2026) Discovery and Preclinical Validation of a Clinically Optimized Mitochondrial Complex I Modulator for Alzheimer's Disease. *bioRxiv : the preprint server for biology*.

Davanzo GG, et al. (2026) Temporal control of macrophage pro-inflammatory phenotype by a biphasic HIF-1 α regulatory program. *Molecular cell*.

Lee S, et al. (2026) Functional characterization of SDHB variants clarifies hereditary pheochromocytoma and paraganglioma risk and genotype-phenotype relationships. *The Journal of clinical investigation*, 136(4).

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

Xirouchaki CE, et al. (2026) A decline in skeletal muscle NOX4 abrogates exercise-induced adaptive homeostasis and exacerbates biological aging. *Science advances*,

12(24), eadz1953.

Dave A, et al. (2026) DGAT1-associated lipid-retinoid dysregulation correlates with metabolic impairment in the RPE of Stargardt disease. *iScience*, 29(8), 116727.

Rockfield SM, et al. (2026) Protein domain characterization reveals human MIC60 tolerates loss of helical bundle domain. *bioRxiv : the preprint server for biology*.

Pochkhidze N, et al. (2026) Chronic Loud Noise-Biochemical and Ultrastructural Alterations in Auditory and Limbic Regions of the Rat Brain. *BioMed research international*, 2026(1), e2680036.

Tannour-Louet M, et al. (2026) NCOA1 is a gatekeeper of the sexually dimorphic thermogenic activity of white adipose tissue. *Nature communications*, 17(1), 717.

Amorim R, et al. (2026) Mitochondria-targeted antioxidant AntiOxBEN2 prevents metabolic dysfunction-associated steatotic liver disease (MASLD) by enhancing fatty acid oxidation and mitochondrial bioenergetics. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 196, 119022.

Paulo E, et al. (2026) Cox10-mediated mitochondrial respiration in brown adipocytes regulates adaptive thermogenesis and systemic metabolism. *iScience*, 29(7), 116442.

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