Resource Summary Report

Generated by dkNET on Sep 3, 2026

Total OXPHOS Human WB Antibody Cocktail Kit

RRID:AB_2756818
Type: Antibody

Proper Citation

Abcam Cat# ab110411, RRID:AB_2756818

Antibody Information

URL: http://antibodyregistry.org/AB_2756818

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Target Antigen: OXPHOS

Clonality: monoclonal

Comments: Kit contains 5 mAbs, one each against Complex I subunit NDUFB8 (ab110242), Complex II subunit 30kDa (ab14714), Complex III subunit Core 2 (ab14745), Complex IV subunit II (ab110258), and ATP synthase subunit alpha (ab14748) as an optimized premixed cocktail. Applications: WB

Antibody Name: Total OXPHOS Human WB Antibody Cocktail Kit

Description: This monoclonal targets OXPHOS

Target Organism: human

Antibody ID: AB_2756818

Vendor: Abcam

Catalog Number: ab110411

Record Creation Time: 20231110T033312+0000

Record Last Update: 20260829T043143+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 65 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. Molecular cell, 86(5), 917.

Zhu L, et al. (2026) Mitochondrial glutamine import sustains electron transport chain integrity independently of glutaminolysis in cancer. Molecular cell, 86(1), 150.

Karakousi T, et al. (2026) IFN?-dependent metabolic reprogramming restrains an immature, pro-metastatic lymphatic state in melanoma. Cancer cell, 44(4), 792.

Lefrançois G, et al. (2026) The role of ATP synthase subunit e (ATP5I) in mediating the metabolic and antiproliferative effects of metformin in cancer cells. eLife, 13.

Woo SM, et al. (2026) Inhibiting Fatty Acid Oxidation Reverses Autophagy-Mediated Acquired Chemotherapy Resistance in Pancreatic Ductal Adenocarcinoma. Cancer research, 86(13), 3194.

Tani K, et al. (2026) PRDM16 modulates aspects of cell cycle dynamics and maturation in human iPSC-derived cardiomyocytes. Stem cell reports, 103005.

Bernardi F, et al. (2026) Multiomic integration reveals tumoral heterogeneity of lipid dependence within lethal group 3 medulloblastoma. Cancer cell.

Biagioni EM, et al. (2026) Skeletal muscle mitochondrial bioenergetics in pregnancy: a comparison of in vivo and in vitro outcomes. Journal of the Endocrine Society, 10(5), bvag093.

Ada SK, et al. (2026) TMEM97 regulates cholesterol biosynthesis and mitochondrial metabolism in gastric carcinoma. iScience, 29(8), 116773.

Zhang Y, et al. (2025) An ancient regulatory variant of ACSF3 influences the coevolution of increased human height and basal metabolic rate via metabolic homeostasis. Cell genomics, 5(6), 100855.

Puente-Ruiz SC, et al. (2025) B cell-derived nociceptin/orphanin FQ contributes to impaired glucose tolerance and insulin resistance in obesity. iScience, 28(7), 112819.

Fu Y, et al. (2025) Engineering mtDNA deletions by reconstituting end joining in human mitochondria. Cell, 188(10), 2778.

Nah J, et al. (2025) Microprotein SMIM26 drives oxidative metabolism via serine-responsive mitochondrial translation. Molecular cell, 85(14), 2759.

Lin YT, et al. (2025) Temporal analysis of doxorubicin-induced cardiac toxicity and hypertrophy. NPJ systems biology and applications, 11(1), 67.

Sainz AG, et al. (2025) FAM43A coordinates mtDNA replication and mitochondrial biogenesis in response to mtDNA depletion. The Journal of cell biology, 224(3).

Cheng L, et al. (2025) PEBP1 amplifies mitochondrial dysfunction-induced integrated stress response. eLife, 13.

Dufau J, et al. (2025) Nuclear hormone-sensitive lipase regulates adipose tissue mass and adipocyte metabolism. Cell metabolism, 37(11), 2250.

Haastrup MO, et al. (2024) Mitochondrial Translocase TOMM22 Is Overexpressed in Pancreatic Cancer and Promotes Aggressive Growth by Modulating Mitochondrial Protein Import and Function. Molecular cancer research : MCR, 22(2), 197.

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

Ast T, et al. (2024) METTL17 is an Fe-S cluster checkpoint for mitochondrial translation. Molecular cell, 84(2), 359.