Resource Summary Report

Generated by NIF on Aug 3, 2026

Mfn1 (H-65)

RRID:AB_2250540
Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-50330, RRID:AB_2250540

Antibody Information

URL: http://antibodyregistry.org/AB_2250540

Proper Citation: Santa Cruz Biotechnology Cat# sc-50330, RRID:AB_2250540

Target Antigen: MFN1

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Mfn1 (H-65)

Description: This polyclonal targets MFN1

Target Organism: rat, mouse, human

Clone ID: H-65

Antibody ID: AB_2250540

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-50330

Record Creation Time: 20250819T224124+0000

Record Last Update: 20250820T025944+0000

Ratings and Alerts

No rating or validation information has been found for Mfn1 (H-65).

Warning: Discontinued: 2016
Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Damiecki M, et al. (2024) Mitochondrial apolipoprotein MIC26 is a metabolic rheostat regulating central cellular fuel pathways. Life science alliance, 7(12).

Yang J, et al. (2023) Chemical inhibition of mitochondrial fission via targeting the DRP1-receptor interaction. Cell chemical biology, 30(3), 278.

Yasuda T, et al. (2023) Mitochondrial dynamics define muscle fiber type by modulating cellular metabolic pathways. Cell reports, 42(5), 112434.

Ciarlone GE, et al. (2023) 5-Hydroxymethylfurfural reduces skeletal muscle superoxide production and modifies force production in rats exposed to hypobaric hypoxia. Physiological reports, 11(14), e15743.

Ponia SS, et al. (2021) Mitophagy antagonism by ZIKV reveals Ajuba as a regulator of PINK1 signaling, PKR-dependent inflammation, and viral invasion of tissues. Cell reports, 37(4), 109888.

Anania S, et al. (2020) Myoferlin Is a Yet Unknown Interactor of the Mitochondrial Dynamics' Machinery in Pancreas Cancer Cells. Cancers, 12(6).

Park JE, et al. (2019) Drp1 Phosphorylation Is Indispensable for Steroidogenesis in Leydig Cells. Endocrinology, 160(4), 729.

Marshall KD, et al. (2019) The novel cyclophilin-D-interacting protein FASTKD1 protects cells against oxidative stress-induced cell death. American journal of physiology. Cell physiology, 317(3), C584.

Wang X, et al. (2019) Subcellular NAMPT-mediated NAD+ salvage pathways and their roles in bioenergetics and neuronal protection after ischemic injury. Journal of neurochemistry, 151(6), 732.

Wang L, et al. (2018) Mitofusin 2 Regulates Axonal Transport of Calpastatin to Prevent Neuromuscular Synaptic Elimination in Skeletal Muscles. Cell metabolism, 28(3), 400.

Simula L, et al. (2018) Drp1 Controls Effective T Cell Immune-Surveillance by Regulating T Cell Migration, Proliferation, and cMyc-Dependent Metabolic Reprogramming. Cell reports, 25(11), 3059.

Li W, et al. (2017) FoxO1 Promotes Mitophagy in the Podocytes of Diabetic Male Mice via the PINK1/Parkin Pathway. Endocrinology, 158(7), 2155.

Chandra R, et al. (2017) Drp1 Mitochondrial Fission in D1 Neurons Mediates Behavioral and Cellular Plasticity during Early Cocaine Abstinence. Neuron, 96(6), 1327.

Song M, et al. (2017) Abrogating Mitochondrial Dynamics in Mouse Hearts Accelerates Mitochondrial Senescence. Cell metabolism, 26(6), 872.

Ram??rez S, et al. (2017) Mitochondrial Dynamics Mediated by Mitofusin 1 Is Required for POMC Neuron Glucose-Sensing and Insulin Release Control. Cell metabolism, 25(6), 1390.