Resource Summary Report

Generated by RRID on Aug 3, 2026

MFF antibody

RRID:AB_2142463
Type: Antibody

Proper Citation

Proteintech Cat# 17090-1-AP, RRID:AB_2142463

Antibody Information

URL: http://antibodyregistry.org/AB_2142463

Proper Citation: Proteintech Cat# 17090-1-AP, RRID:AB_2142463

Target Antigen: MFF

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, IP, IHC, IF, ELISA

Antibody Name: MFF antibody

Description: This polyclonal targets MFF

Target Organism: monkey, rat, hamster, mouse, human, squirrels

Antibody ID: AB_2142463

Vendor: Proteintech

Catalog Number: 17090-1-AP

Record Creation Time: 20250820T013407+0000

Record Last Update: 20250820T111701+0000

Ratings and Alerts

No rating or validation information has been found for MFF antibody.

No alerts have been found for MFF antibody.

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 RRID .

Djalalvandi A, et al. (2025) Opantimirs: A class of antagonizing microRNAs that upregulate Opa1 and improve mitochondrial and disuse myopathies. Cell reports. Medicine, 6(8), 102248.

Alsalman M, et al. (2025) Hippocampal cell- and circuit-specific differences in mitochondrial form and function. bioRxiv : the preprint server for biology.

Ogawa Y, et al. (2025) Hide-and-Seek genome editing reveals that Gephyrin is required for axo-axonic synapse assembly. Proceedings of the National Academy of Sciences of the United States of America, 122(32), e2500726122.

D'Acunzo P, et al. (2024) Mitovesicles secreted into the extracellular space of brains with mitochondrial dysfunction impair synaptic plasticity. Molecular neurodegeneration, 19(1), 34.

Tábara LC, et al. (2024) MTFP1 controls mitochondrial fusion to regulate inner membrane quality control and maintain mtDNA levels. Cell, 187(14), 3619.

Li X, et al. (2023) Photobiomodulation provides neuroprotection through regulating mitochondrial fission imbalance in the subacute phase of spinal cord injury. Neural regeneration research, 18(9), 2005.

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

Ishikawa K, et al. (2019) Acquired Expression of Mutant Mitofusin 2 Causes Progressive Neurodegeneration and Abnormal Behavior. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(9), 1588.

Rangaraju V, et al. (2019) Spatially Stable Mitochondrial Compartments Fuel Local Translation during Plasticity. Cell, 176(1-2), 73.

Zhong X, et al. (2019) Mitochondrial Dynamics Is Critical for the Full Pluripotency and Embryonic Developmental Potential of Pluripotent Stem Cells. Cell metabolism, 29(4), 979.

D'Amico D, et al. (2019) The RNA-Binding Protein PUM2 Impairs Mitochondrial Dynamics and Mitophagy During Aging. Molecular cell, 73(4), 775.

Hammerschmidt P, et al. (2019) CerS6-Derived Sphingolipids Interact with Mff and Promote Mitochondrial Fragmentation in Obesity. Cell, 177(6), 1536.

Hennings TG, et al. (2018) In Vivo Deletion of ?-Cell Drp1 Impairs Insulin Secretion Without Affecting Islet Oxygen Consumption. Endocrinology, 159(9), 3245.

Lee J, et al. (2018) A Genetic Interaction Map of Insulin Production Identifies Mfi as an Inhibitor of Mitochondrial Fission. Endocrinology, 159(9), 3321.

Sharoar MG, et al. (2016) Dysfunctional tubular endoplasmic reticulum constitutes a pathological feature of Alzheimer's disease. Molecular psychiatry, 21(9), 1263.