

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.

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.

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

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 β -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.