

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

FIS1 antibody

RRID:AB_2102532

Type: Antibody

Proper Citation

Proteintech Cat# 10956-1-AP, RRID:AB_2102532

Antibody Information

URL: http://antibodyregistry.org/AB_2102532

Proper Citation: Proteintech Cat# 10956-1-AP, RRID:AB_2102532

Target Antigen: FIS1

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: FIS1 antibody

Description: This polyclonal targets FIS1

Target Organism: rat, hamster, cow, pig, swine, mouse, human, squirrels

Antibody ID: AB_2102532

Vendor: Proteintech

Catalog Number: 10956-1-AP

Record Creation Time: 20250820T003240+0000

Record Last Update: 20250820T083252+0000

Ratings and Alerts

No rating or validation information has been found for FIS1 antibody.

No alerts have been found for FIS1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Tang X, et al. (2025) Hypoxia-preconditioned bone marrow-derived mesenchymal stem cells protect neurons from cardiac arrest-induced pyroptosis. *Neural regeneration research*, 20(4), 1103.

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.

McKenna MJ, et al. (2025) ARMC1 partitions between distinct complexes and assembles MIRO with MTFR to control mitochondrial distribution. *Science advances*, 11(15), eadu5091.

Chatterjee P, et al. (2025) Sex-specific impact of selective reduced uterine placental perfusion model of preeclampsia on fetal cardiac maturation and mitochondrial function. *American journal of physiology. Regulatory, integrative and comparative physiology*, 329(3), R474.

Sridharan PS, et al. (2024) Acutely blocking excessive mitochondrial fission prevents chronic neurodegeneration after traumatic brain injury. *Cell reports. Medicine*, 5(9), 101715.

Murata D, et al. (2024) Slc25a3-dependent copper transport controls flickering-induced Opa1 processing for mitochondrial safeguard. *Developmental cell*, 59(19), 2578.

He Y, et al. (2024) Deficient tRNA posttranscription modification dysregulated the mitochondrial quality controls and apoptosis. *iScience*, 27(2), 108883.

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

Kan T, et al. (2024) Matrix stiffness aggravates osteoarthritis progression through H3K27me3 demethylation induced by mitochondrial damage. *iScience*, 27(8), 110507.

Zhou J, et al. (2024) Astrocytic LRP1 enables mitochondria transfer to neurons and mitigates brain ischemic stroke by suppressing ARF1 lactylation. *Cell metabolism*, 36(9), 2054.

Liao KM, et al. (2023) Senomorphic effect of diphenyleneiodonium through AMPK/MFF/DRP1 mediated mitochondrial fission. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 162, 114616.

Shahin S, et al. (2023) MFN1 augmentation prevents retinal degeneration in a Charcot-Marie-Tooth type 2A mouse model. *iScience*, 26(3), 106270.

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.

Wang M, et al. (2022) Generation of a homozygous FIS1 knockout human embryonic stem cell line GIBHe015-B by CRISPR/Cas9 system. *Stem cell research*, 65, 102980.

Xu L, et al. (2022) CLOCK regulates Drp1 mRNA stability and mitochondrial homeostasis by interacting with PUF60. *Cell reports*, 39(2), 110635.

Du J, et al. (2022) N6-adenomethylation of GsdmC is essential for Lgr5+ stem cell survival to maintain normal colonic epithelial morphogenesis. *Developmental cell*, 57(16), 1976.

Liu ZF, et al. (2022) Melatonin attenuates manganese-induced mitochondrial fragmentation by suppressing the Mst1/JNK signaling pathway in primary mouse neurons. *The Science of the total environment*, 844, 157134.

Coukos R, et al. (2021) An engineered transcriptional reporter of protein localization identifies regulators of mitochondrial and ER membrane protein trafficking in high-throughput CRISPRi screens. *eLife*, 10.

Pusec CM, et al. (2019) Hepatic HKDC1 Expression Contributes to Liver Metabolism. *Endocrinology*, 160(2), 313.

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.