

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

SMCR7/MID49 antibody

RRID:AB_2714217

Type: Antibody

Proper Citation

Proteintech Cat# 16413-1-AP, RRID:AB_2714217

Antibody Information

URL: http://antibodyregistry.org/AB_2714217

Proper Citation: Proteintech Cat# 16413-1-AP, RRID:AB_2714217

Target Antigen: SMCR7/MID49

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: SMCR7/MID49 antibody

Description: This polyclonal targets SMCR7/MID49

Target Organism: rat, mouse, human

Antibody ID: AB_2714217

Vendor: Proteintech

Catalog Number: 16413-1-AP

Record Creation Time: 20231110T033811+0000

Record Last Update: 20260901T053548+0000

Ratings and Alerts

No rating or validation information has been found for SMCR7/MID49 antibody.

No alerts have been found for SMCR7/MID49 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

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

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

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

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

Geng J, et al. (2019) Andrographolide alleviates Parkinsonism in MPTP-PD mice via targeting mitochondrial fission mediated by dynamin-related protein 1. *British journal of pharmacology*, 176(23), 4574.

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.

Guedouari H, et al. (2017) Sirtuin 5 protects mitochondria from fragmentation and degradation during starvation. *Biochimica et biophysica acta. Molecular cell research*, 1864(1), 169.