

Resource Summary Report

Generated by RRID on Sep 8, 2026

RAB27B antibody

RRID:AB_2176732

Type: Antibody

Proper Citation

Proteintech Cat# 13412-1-AP, RRID:AB_2176732

Antibody Information

URL: http://antibodyregistry.org/AB_2176732

Proper Citation: Proteintech Cat# 13412-1-AP, RRID:AB_2176732

Target Antigen: RAB27B

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: RAB27B antibody

Description: This polyclonal targets RAB27B

Target Organism: rat, mouse, dog, human

Antibody ID: AB_2176732

Vendor: Proteintech

Catalog Number: 13412-1-AP

Record Creation Time: 20231110T074242+0000

Record Last Update: 20260829T080017+0000

Ratings and Alerts

- This report presents comparative antibody characterization data, serving as a guide to select high-performing antibodies against Rab27A and Rab27B in western blot,

immunoprecipitation, and immunofluorescence, using a knockdown cell line as an isogenic control. - YCHarOS <https://ycharos.com/>

No alerts have been found for RAB27B antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Li A, et al. (2025) Endosomal protein DENND10 promotes developmental competence of neurite extension. iScience, 28(5), 112385.

Sun Q, et al. (2025) Potentiation of visualized exosomal miR-1306-3p from primary sensory neurons contributes to chronic visceral pain via spinal P2X3 receptors. Pain, 166(9), 2054.

Tien SC, et al. (2024) Exosomal miRNA 16-5p/29a-3p from pancreatic cancer induce adipose atrophy by inhibiting adipogenesis and promoting lipolysis. iScience, 27(7), 110346.

Meneses KM, et al. (2023) RAB27B Drives a Cancer Stem Cell Phenotype in NSCLC Cells Through Enhanced Extracellular Vesicle Secretion. Cancer research communications, 3(4), 607.

Ma Q, et al. (2022) Extracellular Vesicles Secreted by Mouse Decidual Cells Carry Critical Information for the Establishment of Pregnancy. Endocrinology, 163(12).

Fernbach S, et al. (2022) Restriction factor screening identifies RABGAP1L-mediated disruption of endocytosis as a host antiviral defense. Cell reports, 38(12), 110549.

Joshi CS, et al. (2021) NRF2 promotes urothelial cell response to bacterial infection by regulating reactive oxygen species and RAB27B expression. Cell reports, 37(3), 109856.

Yoon S, et al. (2017) MLKL, the Protein that Mediates Necroptosis, Also Regulates Endosomal Trafficking and Extracellular Vesicle Generation. Immunity, 47(1), 51.