

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Ran BP-2 (D-4)

RRID:AB_2176784

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-74518, RRID:AB_2176784

Antibody Information

URL: http://antibodyregistry.org/AB_2176784

Proper Citation: Santa Cruz Biotechnology Cat# sc-74518, RRID:AB_2176784

Target Antigen: Ran BP-2 (D-4)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Immunofluorescence; Western Blot; ELISA; Immunoprecipitation

Antibody Name: Ran BP-2 (D-4)

Description: This monoclonal targets Ran BP-2 (D-4)

Target Organism: rat, mouse, human

Antibody ID: AB_2176784

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-74518

Record Creation Time: 20250820T035245+0000

Record Last Update: 20250820T172559+0000

Ratings and Alerts

No rating or validation information has been found for Ran BP-2 (D-4).

No alerts have been found for Ran BP-2 (D-4).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bartelt LC, et al. (2024) Antibody-assisted selective isolation of Purkinje cell nuclei from mouse cerebellar tissue. *Cell reports methods*, 4(7), 100816.

Lascaux P, et al. (2024) TEX264 drives selective autophagy of DNA lesions to promote DNA repair and cell survival. *Cell*, 187(20), 5698.

Ikliptikawati DK, et al. (2023) Nuclear transport surveillance of p53 by nuclear pores in glioblastoma. *Cell reports*, 42(8), 112882.

Shen W, et al. (2022) Comprehensive maturity of nuclear pore complexes regulates zygotic genome activation. *Cell*, 185(26), 4954.

He Y, et al. (2021) T-cell receptor (TCR) signaling promotes the assembly of RanBP2/RanGAP1-SUMO1/Ubc9 nuclear pore subcomplex via PKC-??-mediated phosphorylation of RanGAP1. *eLife*, 10.

Ogawa Y, et al. (2021) Endogenously expressed Ranbp2 is not at the axon initial segment. *Journal of cell science*, 134(6).

Theurillat I, et al. (2020) Extensive SUMO Modification of Repressive Chromatin Factors Distinguishes Pluripotent from Somatic Cells. *Cell reports*, 32(11), 108146.

Coyne AN, et al. (2020) G4C2 Repeat RNA Initiates a POM121-Mediated Reduction in Specific Nucleoporins in C9orf72 ALS/FTD. *Neuron*, 107(6), 1124.

Zhou H, et al. (2017) IRAK2 directs stimulus-dependent nuclear export of inflammatory mRNAs. *eLife*, 6.