

Resource Summary Report

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Mouse Anti-Ran BP-2 Monoclonal Antibody, Unconjugated, Clone 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: RANBP2

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: western blot, ELISA, immunoprecipitation, immunocytochemistry

Antibody Name: Mouse Anti-Ran BP-2 Monoclonal Antibody, Unconjugated, Clone D-4

Description: This monoclonal targets RANBP2

Target Organism: rat, mouse, human

Antibody ID: AB_2176784

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-74518

Record Creation Time: 20231110T050001+0000

Record Last Update: 20241115T023136+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Ran BP-2 Monoclonal Antibody, Unconjugated, Clone D-4.

No alerts have been found for Mouse Anti-Ran BP-2 Monoclonal Antibody, Unconjugated, Clone D-4.

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 [FDI Lab - SciCrunch.org](#).

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

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.

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

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

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.