

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 24, 2025

## Anti-Partitioning-defective 3

RRID:AB\_2101325

Type: Antibody

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### Proper Citation

(Millipore Cat# 07-330, RRID:AB\_2101325)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2101325](http://antibodyregistry.org/AB_2101325)

**Proper Citation:** (Millipore Cat# 07-330, RRID:AB\_2101325)

**Target Antigen:** PAR-3

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: western blot, immunocytochemistry  
Consolidation on 7/2020: AB\_2101325, AB\_11213581.

**Antibody Name:** Anti-Partitioning-defective 3

**Description:** This polyclonal targets PAR-3

**Target Organism:** monkey, rat, canine, mouse, human

**Antibody ID:** AB\_2101325

**Vendor:** Millipore

**Catalog Number:** 07-330

**Record Creation Time:** 20231110T055707+0000

**Record Last Update:** 20241115T082404+0000

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### Ratings and Alerts

No rating or validation information has been found for Anti-Partitioning-defective 3.

No alerts have been found for Anti-Partitioning-defective 3.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 20 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Zhao X, et al. (2024) PCM1 conveys centrosome asymmetry to polarized endosome dynamics in regulating daughter cell fate. bioRxiv : the preprint server for biology.

Voglewede MM, et al. (2024) Loss of the polarity protein Par3 promotes dendritic spine neoteny and enhances learning and memory. iScience, 27(7), 110308.

Watson JL, et al. (2023) Synthetic Par polarity induces cytoskeleton asymmetry in unpolarized mammalian cells. Cell, 186(21), 4710.

Pfannenstein A, et al. (2023) A junction-dependent mechanism drives murine mammary cell intercalation for ductal elongation. Developmental cell, 58(13), 1126.

Abboud Asleh M, et al. (2023) A morphogenetic wave in the chick embryo lateral mesoderm generates mesenchymal-epithelial transition through a 3D-rosette intermediate. Developmental cell, 58(11), 951.

Zhao X, et al. (2022) Colocalization Analysis for Cryosectioned and Immunostained Tissue Samples with or without Label Retention Expansion Microscopy (LR-ExM) by JACoP. Bio-protocol, 12(5), e4336.

Ma R, et al. (2022) LGL1 binds to Integrin  $\beta$ 1 and inhibits downstream signaling to promote epithelial branching in the mammary gland. Cell reports, 38(7), 110375.

Banerjee SL, et al. (2022) EPH receptor tyrosine kinases phosphorylate the PAR-3 scaffold protein to modulate downstream signaling networks. Cell reports, 40(1), 111031.

Molè MA, et al. (2021) Integrin  $\beta$ 1 coordinates survival and morphogenesis of the embryonic lineage upon implantation and pluripotency transition. Cell reports, 34(10), 108834.

Follis RM, et al. (2021) Metabolic Control of Sensory Neuron Survival by the p75 Neurotrophin Receptor in Schwann Cells. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(42), 8710.

Lau EO, et al. (2021) DIAPH3 deficiency links microtubules to mitotic errors, defective neurogenesis, and brain dysfunction. *eLife*, 10.

Zhao X, et al. (2021) Polarized endosome dynamics engage cytoplasmic Par-3 that recruits dynein during asymmetric cell division. *Science advances*, 7(24).

Wang J, et al. (2020) Talpid3-Mediated Centrosome Integrity Restrains Neural Progenitor Delamination to Sustain Neurogenesis by Stabilizing Adherens Junctions. *Cell reports*, 33(11), 108495.

Tan B, et al. (2020) The Mammalian Crumbs Complex Defines a Distinct Polarity Domain Apical of Epithelial Tight Junctions. *Current biology : CB*, 30(14), 2791.

Sasaki K, et al. (2020) Shank2 Binds to aPKC and Controls Tight Junction Formation with Rap1 Signaling during Establishment of Epithelial Cell Polarity. *Cell reports*, 31(1), 107407.

Flasse L, et al. (2020) Apical Restriction of the Planar Cell Polarity Component VANGL in Pancreatic Ducts Is Required to Maintain Epithelial Integrity. *Cell reports*, 31(8), 107677.

Alves CH, et al. (2019) CRB2 Loss in Rod Photoreceptors Is Associated with Progressive Loss of Retinal Contrast Sensitivity. *International journal of molecular sciences*, 20(17).

Wang YX, et al. (2019) EGFR-Aurka Signaling Rescues Polarity and Regeneration Defects in Dystrophin-Deficient Muscle Stem Cells by Increasing Asymmetric Divisions. *Cell stem cell*, 24(3), 419.

Lough KJ, et al. (2019) Telophase correction refines division orientation in stratified epithelia. *eLife*, 8.

Bendriem RM, et al. (2019) Tight junction protein occludin regulates progenitor Self-Renewal and survival in developing cortex. *eLife*, 8.