

Resource Summary Report

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Paxillin

RRID:AB_397463

Type: Antibody

Proper Citation

(BD Biosciences Cat# 610051, RRID:AB_397463)

Antibody Information

URL: http://antibodyregistry.org/AB_397463

Proper Citation: (BD Biosciences Cat# 610051, RRID:AB_397463)

Target Antigen: Paxillin

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Intracellular staining (flow Cytotoxicityometry), Western blot

Antibody Name: Paxillin

Description: This monoclonal targets Paxillin

Target Organism: chicken, rat, canine, mouse, chickenbird, dog, human

Antibody ID: AB_397463

Vendor: BD Biosciences

Catalog Number: 610051

Record Creation Time: 20231110T081135+0000

Record Last Update: 20241115T115715+0000

Ratings and Alerts

No rating or validation information has been found for Paxillin.

No alerts have been found for Paxillin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Zhou W, et al. (2025) Chromatin-site-specific accessibility: A microtopography-regulated door into the stem cell fate. Cell reports, 44(1), 115106.

Tanaka Y, et al. (2024) Kinesin-1 mediates proper ER folding of the CaV1.2 channel and maintains mouse glucose homeostasis. EMBO reports, 25(11), 4777.

Bressan C, et al. (2023) Metformin rescues migratory deficits of cells derived from patients with periventricular heterotopia. EMBO molecular medicine, 15(10), e16908.

Daboussi L, et al. (2023) Mitf is a Schwann cell sensor of axonal integrity that drives nerve repair. Cell reports, 42(11), 113282.

Huang M, et al. (2023) LRP12 is an endogenous transmembrane inactivator of $\alpha 4$ integrins. Cell reports, 42(6), 112667.

Vann K, et al. (2023) Paxillin knockout in mouse granulosa cells increases fecundity†. Biology of reproduction, 109(5), 669.

Hadjisavva R, et al. (2022) Adherens junctions stimulate and spatially guide integrin activation and extracellular matrix deposition. Cell reports, 40(3), 111091.

Posor Y, et al. (2022) Local synthesis of the phosphatidylinositol-3,4-bisphosphate lipid drives focal adhesion turnover. Developmental cell, 57(14), 1694.

Case LB, et al. (2022) Synergistic phase separation of two pathways promotes integrin clustering and nascent adhesion formation. eLife, 11.

Kajiwara K, et al. (2022) Src activation in lipid rafts confers epithelial cells with invasive potential to escape from apical extrusion during cell competition. Current biology : CB, 32(16), 3460.

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

Ayloo S, et al. (2022) Pericyte-to-endothelial cell signaling via vitronectin-integrin regulates blood-CNS barrier. *Neuron*, 110(10), 1641.

Hauke L, et al. (2021) A Focal Adhesion Filament Cross-correlation Kit for fast, automated segmentation and correlation of focal adhesions and actin stress fibers in cells. *PloS one*, 16(9), e0250749.

Maier JI, et al. (2021) EPB41L5 controls podocyte extracellular matrix assembly by adhesion-dependent force transmission. *Cell reports*, 34(12), 108883.

Valencia FR, et al. (2021) Force-dependent activation of actin elongation factor mDia1 protects the cytoskeleton from mechanical damage and promotes stress fiber repair. *Developmental cell*, 56(23), 3288.

Stahnke S, et al. (2021) Loss of Hem1 disrupts macrophage function and impacts migration, phagocytosis, and integrin-mediated adhesion. *Current biology : CB*, 31(10), 2051.

Surdez D, et al. (2021) STAG2 mutations alter CTCF-anchored loop extrusion, reduce cis-regulatory interactions and EWSR1-FLI1 activity in Ewing sarcoma. *Cancer cell*, 39(6), 810.

Miihkinen M, et al. (2021) Myosin-X and talin modulate integrin activity at filopodia tips. *Cell reports*, 36(11), 109716.

Butt BG, et al. (2020) Insights into herpesvirus assembly from the structure of the pUL7:pUL51 complex. *eLife*, 9.

Bressan C, et al. (2020) The dynamic interplay between ATP/ADP levels and autophagy sustain neuronal migration in vivo. *eLife*, 9.