

Resource Summary Report

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Anti-alpha-Catenin antibody produced in rabbit

RRID:AB_476830

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# C2081, RRID:AB_476830

Antibody Information

URL: http://antibodyregistry.org/AB_476830

Proper Citation: Sigma-Aldrich Cat# C2081, RRID:AB_476830

Target Antigen: alpha-Catenin antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: immunoblotting: 1:4,000 using cultured MDBK cells, dot blot: suitable using the immunogen and related peptides conjugated to BSA indirect immunofluorescence: 1:2,000 using cultured MDBK cells, microarray: suitable; Immunofluorescence; Western Blot; Other

Antibody Name: Anti-alpha-Catenin antibody produced in rabbit

Description: This polyclonal targets alpha-Catenin antibody produced in rabbit

Target Organism: guinea pig, feline, rat, hamster, porcine, donkey, canine, goat, horse, mouse, several mammalian species, non-human primate, rabbit, other mammalian, bovine, human, sheep

Antibody ID: AB_476830

Vendor: Sigma-Aldrich

Catalog Number: C2081

Record Creation Time: 20250820T023935+0000

Record Last Update: 20250820T141034+0000

Ratings and Alerts

No rating or validation information has been found for Anti-alpha-Catenin antibody produced in rabbit.

No alerts have been found for Anti-alpha-Catenin antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Kuno S, et al. (2025) Multivalent afadin interaction promotes IDR-mediated condensate formation and junctional separation of epithelial cells. *Cell reports*, 44(3), 115335.

Pintacuda G, et al. (2023) Protein interaction studies in human induced neurons indicate convergent biology underlying autism spectrum disorders. *Cell genomics*, 3(3), 100250.

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.

Brandán YR, et al. (2022) Influence of sphingomyelin metabolism during epithelial-mesenchymal transition associated with aging in the renal papilla. *Journal of cellular physiology*, 237(10), 3883.

Huebner RJ, et al. (2022) ARVCF catenin controls force production during vertebrate convergent extension. *Developmental cell*, 57(9), 1119.

Barbacena P, et al. (2022) Competition for endothelial cell polarity drives vascular morphogenesis in the mouse retina. *Developmental cell*, 57(19), 2321.

Donker L, et al. (2022) A mechanical G2 checkpoint controls epithelial cell division through E-cadherin-mediated regulation of Wee1-Cdk1. *Cell reports*, 41(2), 111475.

Boutillon A, et al. (2022) Guidance by followers ensures long-range coordination of cell migration through γ -catenin mechanoperception. *Developmental cell*, 57(12), 1529.

Ning W, et al. (2021) Differentiated Daughter Cells Regulate Stem Cell Proliferation and Fate through Intra-tissue Tension. *Cell stem cell*, 28(3), 436.

Biswas R, et al. (2021) Mechanical instability of adherens junctions overrides intrinsic quiescence of hair follicle stem cells. *Developmental cell*, 56(6), 761.

Ollech D, et al. (2020) An optochemical tool for light-induced dissociation of adherens junctions to control mechanical coupling between cells. *Nature communications*, 11(1), 472.

Nava MM, et al. (2020) Heterochromatin-Driven Nuclear Softening Protects the Genome against Mechanical Stress-Induced Damage. *Cell*, 181(4), 800.

Schwyer C, et al. (2019) Mechanosensation of Tight Junctions Depends on ZO-1 Phase Separation and Flow. *Cell*, 179(4), 937.

Carvalho JR, et al. (2019) Non-canonical Wnt signaling regulates junctional mechanocoupling during angiogenic collective cell migration. *eLife*, 8.

Del Valle Guaytina E, et al. (2019) Novel cellular mechanism that mediates the collecting duct formation during postnatal renal development. *Journal of cellular physiology*, 234(8), 13387.

Sumigraý KD, et al. (2018) Morphogenesis and Compartmentalization of the Intestinal Crypt. *Developmental cell*, 45(2), 183.

Nanki K, et al. (2018) Divergent Routes toward Wnt and R-spondin Niche Independency during Human Gastric Carcinogenesis. *Cell*, 174(4), 856.

Durgan J, et al. (2017) Mitosis can drive cell cannibalism through entosis. *eLife*, 6.

Jossin Y, et al. (2017) Llg1 Connects Cell Polarity with Cell-Cell Adhesion in Embryonic Neural Stem Cells. *Developmental cell*, 41(5), 481.