## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 11, 2025

# N-Cadherin (D4R1H) XP Rabbit Antibody

RRID:AB\_2687616 Type: Antibody

## **Proper Citation**

(Cell Signaling Technology Cat# 13116, RRID:AB\_2687616)

## Antibody Information

URL: http://antibodyregistry.org/AB\_2687616

Proper Citation: (Cell Signaling Technology Cat# 13116, RRID:AB\_2687616)

Target Antigen: N-Cadherin

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: N-Cadherin (D4R1H) XP Rabbit Antibody

Description: This monoclonal targets N-Cadherin

Target Organism: human

Clone ID: D4R1H

**Antibody ID:** AB\_2687616

Vendor: Cell Signaling Technology

Catalog Number: 13116

Alternative Catalog Numbers: 13116T, 13116S

#### Record Creation Time: 20231110T034041+0000

Record Last Update: 20240725T005923+0000

## **Ratings and Alerts**

 Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <u>https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimenresearch-development</u>

No alerts have been found for N-Cadherin (D4R1H) XP Rabbit Antibody .

## Data and Source Information

Source: Antibody Registry

## **Usage and Citation Metrics**

We found 75 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Liu F, et al. (2024) Secretion of WNT7A by UC-MSCs assist in promoting the endometrial epithelial regeneration. iScience, 27(6), 109888.

Li Q, et al. (2024) DDX56 promotes EMT and cancer stemness via MELK-FOXM1 axis in hepatocellular carcinoma. iScience, 27(6), 109827.

He B, et al. (2024) Arachidonic acid released by PIK3CA mutant tumor cells triggers malignant transformation of colonic epithelium by inducing chromatin remodeling. Cell reports. Medicine, 5(5), 101510.

Chhabra Y, et al. (2024) Sex-dependent effects in the aged melanoma tumor microenvironment influence invasion and resistance to targeted therapy. Cell, 187(21), 6016.

Zhang D, et al. (2024) Discovery of a peptide proteolysis-targeting chimera (PROTAC) drug of p300 for prostate cancer therapy. EBioMedicine, 105, 105212.

Bolondi A, et al. (2024) Reconstructing axial progenitor field dynamics in mouse stem cellderived embryoids. Developmental cell, 59(12), 1489.

Liu H, et al. (2024) Integrative molecular and spatial analysis reveals evolutionary dynamics and tumor-immune interplay of in situ and invasive acral melanoma. Cancer cell, 42(6),

1067.

Sun Y, et al. (2024) Integrated multi-omics profiling to dissect the spatiotemporal evolution of metastatic hepatocellular carcinoma. Cancer cell, 42(1), 135.

Li R, et al. (2024) CircUSP1 as a novel marker promotes gastric cancer progression via stabilizing HuR to upregulate USP1 and Vimentin. Oncogene, 43(14), 1033.

Qiao X, et al. (2024) Beyond mitochondrial transfer, cell fusion rescues metabolic dysfunction and boosts malignancy in adenoid cystic carcinoma. Cell reports, 43(9), 114652.

Anand GM, et al. (2023) Controlling organoid symmetry breaking uncovers an excitable system underlying human axial elongation. Cell, 186(3), 497.

Xu P, et al. (2023) Trigeminal nerve-derived substance P regulates limbal stem cells by the PI3K-AKT pathway. iScience, 26(5), 106688.

Li Q, et al. (2023) AID-induced CXCL12 upregulation enhances castration-resistant prostate cancer cell metastasis by stabilizing ?-catenin expression. iScience, 26(12), 108523.

van de Weijer LL, et al. (2023) A novel patient-derived meningioma spheroid model as a tool to study and treat epithelial-to-mesenchymal transition (EMT) in meningiomas. Acta neuropathologica communications, 11(1), 198.

Anstine LJ, et al. (2023) TLE3 Sustains Luminal Breast Cancer Lineage Fidelity to Suppress Metastasis. Cancer research, 83(7), 997.

Wang S, et al. (2023) SMYD3 induces sorafenib resistance by activating SMAD2/3-mediated epithelial-mesenchymal transition in hepatocellular carcinoma. iScience, 26(7), 106994.

Li Z, et al. (2023) HOXA11 promotes lymphatic metastasis of gastric cancer via transcriptional activation of TGF?1. iScience, 26(8), 107346.

Yaman YI, et al. (2023) Controlling human organoid symmetry breaking reveals signaling gradients drive segmentation clock waves. Cell, 186(3), 513.

Wang XY, et al. (2023) KDM4B down-regulation facilitated breast cancer cell stemness via PHGDH upregulation in H3K36me3-dependent manner. Molecular and cellular biochemistry.

Zhang M, et al. (2023) Fusobacterium nucleatum promotes colorectal cancer metastasis by excretion of miR-122-5p from cells via exosomes. iScience, 26(9), 107686.