

## N-Cadherin(CD325) Antibody

Catalog No: #21474



Package Size: #21474-1 50ul #21474-2 100ul

Orders: order@signalwayantibody.com

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## Description

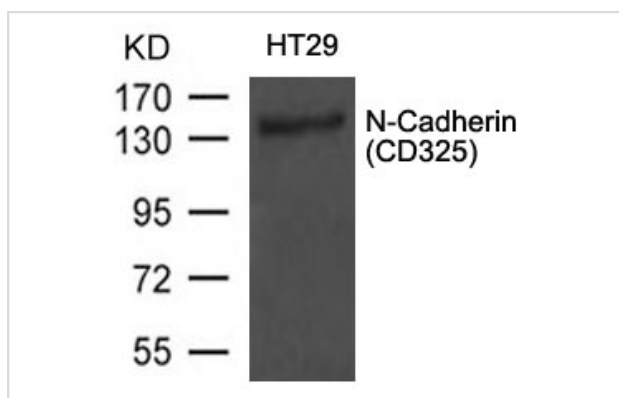
Product Name	N-Cadherin(CD325) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total N-Cadherin protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.800~804(A-I-K-P-V) derived from Human N-Cadherin.
Conjugates	Unconjugated
Target Name	N-Cadherin(CD325)
Other Names	CDH2; CDCN; NCAD
Accession No.	Swiss-Prot: P19022NCBI Protein: NP_001783.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Predicted MW: 140kd

Western blotting: 1:500

## Images



Western blot analysis of extract from HT29 cells using N-Cadherin(CD325) Antibody #21474

## Background

Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density

Bhatt A.S. et.al(2005)Oncogene 24:5333-5343

Salomon D.et.al(1992)J. Cell Sci. 102:7-17

The MGC Project Team(2004)Genome Res. 14:2121-2127

## Published Papers

el at., H. pylori infection-induced MSC differentiation into CAFs promotes epithelial-mesenchymal transition in gastric epithelial cells. In Int J Mol Med on 2013 Dec by Zhang Q, Wang M,et al..PMID:24145921, , (2013)

[PMID:24145921](#)

el at., Octamer-binding protein 4 affects the cell biology and phenotypic transition of lung cancer cells involving  $\epsilon$ -Y-catenin/E-cadherin complex degradation. In Mol Med Rep

on 2015 Mar by Zhong-Shu Chen, Dong-Jin Ling et al..PMID: 25420671 , , (2015)

[PMID:25420671](#)

el at., Paeonol Suppresses Proliferation and Motility of Non-Small-Cell Lung Cancer Cells by Disrupting STAT3/NF- $\kappa$ B Signaling. In Front Pharmacol on 2020 Nov 12 by Lei Zhang, Wen-Xu Chen , et al..PMID: 33442382, , (2020)

[PMID:33442382](#)

el at., Glycogen Phosphorylase B Is Regulated by miR101-3p and Promotes Hepatocellular Carcinoma Tumorigenesis. In Front Cell Dev Biol on 2020 Nov 25 by Guangying Cui, Huifen Wang, et al..PMID:33324633, , (2020)

[PMID:33324633](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.