

N-Cadherin(CD325) Antibody

Catalog No: #21474

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

Description

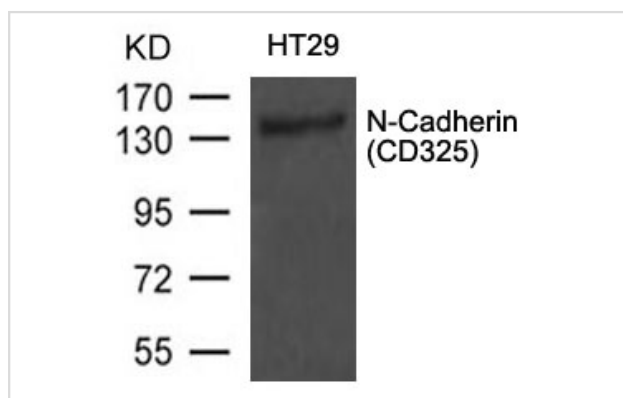
Product Name	N-Cadherin(CD325) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms Rt
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 ²⁺ and Ca ²⁺), 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

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

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

Published Papers

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el at., Octamer-binding protein 4 affects the cell biology and phenotypic transition of lung cancer cells involving ϵ -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)

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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.