

N-Cadherin(CD325) Antibody

Catalog No: #21474

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

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

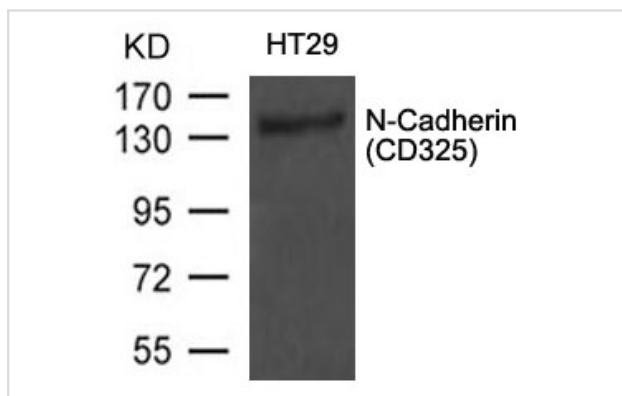
Product Name	N-Cadherin(CD325) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	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.
Target Name	N-Cadherin(CD325)
Other Names	CDH2; CDCN; NCAD
Accession No.	Swiss-Prot: P19022NCBI Protein: NP_001783.2
Uniprot	P19022
GeneID	1000;
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

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

Note: This product is for in vitro research use only