

Anti-N-Cadherin-2 CDH2 CD325-Antibody

Catalog Number: A01577-1

About CDH2

Membrane-cytoskeleton-associated protein that promotes the assembly of the spectrin-actin network. Binds to calmodulin.

Yun Sok Lee, Mol. Cell. Biol., Jan 2007; 27: 438 - 452.

Kang Ho Kim, J. Biol. Chem., Dec 2004; 279: 51999 - 52006.

Marc Foretz, Mol. Cell. Biol., May 1999; 19: 3760 - 3768.

Jae Bum Kim, J. Clin. Invest., Jan 1998; 101: 1.

Overview

Product Name	Anti-N-Cadherin-2 CDH2 CD325-Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-N-Cadherin-2 CDH2 CD325-Antibody catalog # A01577-1. Tested in WB, ICC/IF, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P19022

Technical Details

Immunogen	Synthesized non-phosphopeptide derived from human ADD1 around the phosphorylation site of serine 726 (T-P-S(p)-F-L).
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:1,000-1:5,000 ICC: 1:50-1:200 IHC: 1:50-1:200 FC: 1:50-1:100

Anti-N-Cadherin-2 CDH2 CD325-Antibody (A01577-1) Images

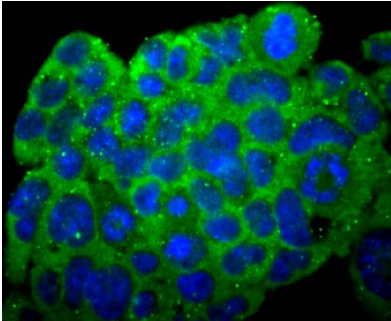


Figure 2. Immunocytochemistry staining of CDH2 using Anti-N-Cadherin CDH2 Antibody (A01577-1).

ICC staining N Cadherin in F9 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

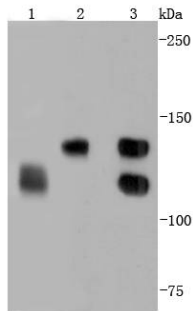


Figure 1. Western blotting validation for Anti-N-Cadherin CDH2 Antibody A01577-1

Western blot analysis of N Cadherin on different lysates using anti-N Cadherin antibody at 1/1

3 Publications Citing This Product

1. PubMed ID: 32519176, Piao HY,Guo S,Wang Y,Zhang J.Exosome-transmitted lncRNA PCGEM1 promotes invasive and metastasis in gastric cancer by maintaining the stability of SNAI1.Clin Transl Oncol.2020 Jun 9.doi:10.1007/s12094-020-02412-9.Epub ahead of print.PMID:32519176.
2. PubMed ID: 32319604, Jia X, Wang H,Li Z,Yan J,Guo Y,Zhao W,Gao L,Wang B,Jia Y.HER4 promotes the progression of colorectal cancer by promoting epithelial-mesenchymal transition.Mol Med Rep.2020 Apr;21(4):1779-1788.doi:10.3892/mmr.2020.10974.Epub 2020 Feb 4.PMID:32319604;PMCID
3. PubMed ID: 32158357, Yang Z,Zhang J,Lu D,Sun Y, Zhao X,Wang X,Zhou W,He Q,Jiang Z.Hsa_circ_0137008 suppresses the malignant phenotype in colorectal cancer by acting as a microRNA-338-5p sponge. Cancer Cell Int.2020 Mar 4;20:67. doi:10.1186/s12935-020-1150-1.PMID:32158357;PMC

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