

## Rabbit CDH2 Polyclonal Antibody | anti-CDH2 antibody

CDH2 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY                                                                     | APPLICATIONS                                   |
|-----------|--------|--------------------------------------------------------------------------------|------------------------------------------------|
| AAA291026 | Rabbit | Human<br>Predicted Reactivity: Xenopus, Bovine, Chicken, Zebrafish, Mouse, Rat | Flow Cytometry, Functional Assay, Western Blot |

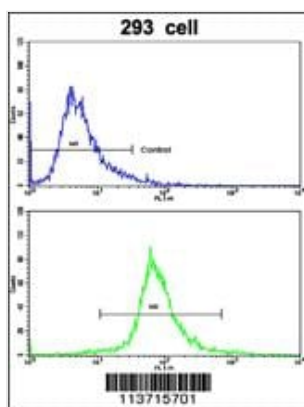
### PRODUCT SYNONYMS

CDH2; Polyclonal Antibody; CDH2 Antibody (C-term); Cadherin-2; CDw325; Neural cadherin; N-cadherin; CD325; CDHN; NCAD; anti-CDH2 antibody

### PRODUCT SPECIFICATIONS

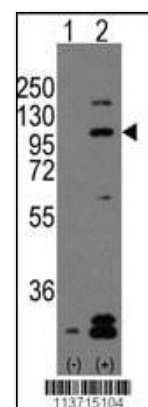
|                                                |                                                                                                                                                                              |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                       |
| Reactivity                                     | Human<br>Predicted Reactivity: Xenopus, Bovine, Chicken, Zebrafish, Mouse, Rat                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                   |
| Isotype                                        | Rabbit IgG                                                                                                                                                                   |
| Specificity                                    | This CDH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 744-772 amino acids from the C-terminal region of human CDH2.         |
| Purity/Purification                            | Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                           |
| Form/Format                                    | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Applicable Applications for anti-CDH2 antibody | FCM/FACS (Flow Cytometry), WB (Western Blot)                                                                                                                                 |
| Antigen Region                                 | 744-772                                                                                                                                                                      |
| Preparation and Storage                        | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                        |

### IMAGES



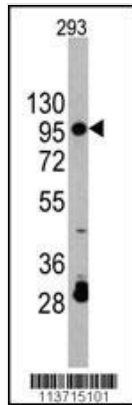
#### FCM/FACS (Flow Cytometry)

Dilution: FC: 1:10~50 Flow cytometric analysis of 293 cells using CDH2 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### WB (Western Blot)

Dilution: WB 1:1000 Western blot analysis of CDH2 (arrow) using rabbit polyclonal CDH2 Antibody (C-term) (Cat.#AAA291026). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CDH2 gene (Lane 2) (Origene Technologies).



**WB (Western Blot)**  
Dilution: WB 1:1000Western blot analysis of CDH2 Antibody (C-term) (Cat.#AAA291026) in 293 cell line lysates (35ug/lane). CDH2(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDH2 antibody | CDH2 is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product. |
| Product Categories/Family for anti-CDH2 antibody   | Primary Antibodies; Cancer; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| References                                         | Reid R.A., Nucleic Acids Res. 18:5896-5896 (1990).Salomon D., J. Cell Sci. 102:7-17 (1992).Amanchy, R., J. Proteome Res. 4 (5), 1661-1671 (2005)                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 14589889                                                                                                                                    |
| NCBI GeneID                      | 1000                                                                                                                                        |
| NCBI Accession #                 | NP_001783.2                                                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_001792.3                                                                                                                                 |
| UniProt Accession #              | P19022; P79883; P39038; P55283; P24503; Q9Z1Y3; P15116; Q90275; P10288; P19534; P20310; P33147                                              |
| Molecular Weight                 | 99,809 Da                                                                                                                                   |
| NCBI Official Full Name          | cadherin-2 preproprotein                                                                                                                    |
| NCBI Official Synonym Full Names | cadherin 2, type 1, N-cadherin (neuronal)                                                                                                   |
| NCBI Official Symbol             | CDH2                                                                                                                                        |
| NCBI Official Synonym Symbols    | CDHN; NCAD; CD325; CDw325                                                                                                                   |
| NCBI Protein Information         | cadherin-2; N-cadherin 1; neural cadherin; neural-cadherin; cadherin 2, N-cadherin (neuronal); calcium-dependent adhesion protein, neuronal |
| UniProt Protein Name             | Cadherin-2                                                                                                                                  |
| UniProt Gene Name                | CDH2                                                                                                                                        |
| UniProt Synonym Gene Names       | CDHN; NCAD; N-cadherin                                                                                                                      |
| UniProt Entry Name               | CADH2_HUMAN                                                                                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cdh2-antibody-flow-cytometry-western-blot-elisa/291026>