

Rabbit CDH2 Polyclonal Antibody | anti-CDH2 antibody

CDH2 Antibody (C-term)

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

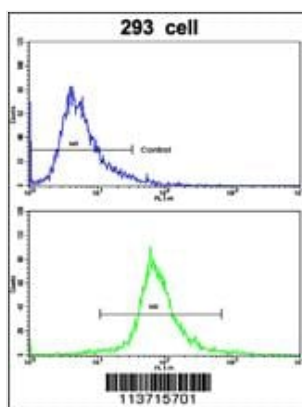
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

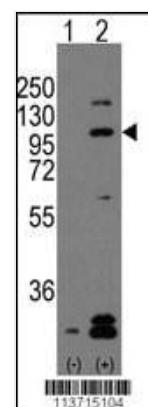
Host	Rabbit
Reactivity	Human Predicted Reactivity: Xenopus, Bovine, Chicken, Zebrafish, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This CDH2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 744-772 amino acids from the C-terminal region 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



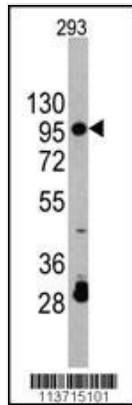
FCM/FACS (Flow Cytometry)

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://stage.aaabiotech.com/polyclonal/cdh2-antibody-flow-cytometry-western-blot-elisa/291026>