

Rabbit anti-Human, Mouse CDH2 Polyclonal Antibody | anti-CDH2 antibody

CDH2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232432	Rabbit	Human, Mouse	Immunofluorescence, Western Blot, ELISA

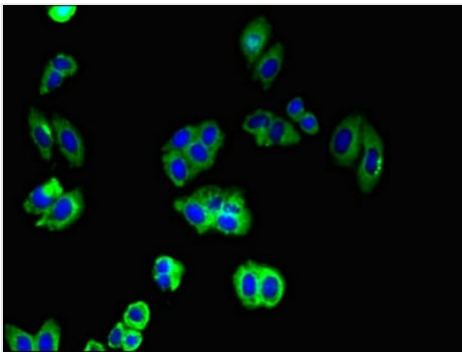
PRODUCT SYNONYMS

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

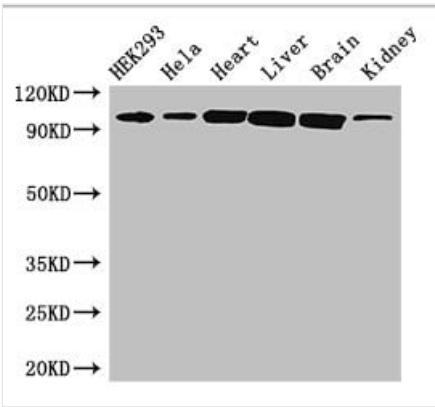
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	875
Applicable Applications for anti-CDH2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Cadherin-2 protein (746-906AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1502 / sc-31029 / sc-31030 / sc-31031 / sc-7939
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA232432 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



WB (Western Blot)
Western BlotPositive WB detected in:HEK293 whole cell lysate,Hela whole cell lysate,Mouse heart tissue,Mouse liver tissue,Mouse brain tissue,Mouse kidney tissueAll lanes: CDH2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 100,98 kDaObserved band size: 100 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CDH2 antibody	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. Acts as a regulator of neural stem cells quiescence by mediating anchorage of neural stem cells to ependymocytes in the adult subependymal zone: upon cleavage by MMP24, CDH2-mediated anchorage is affected, leading to modulate neural stem cell quiescence. CDH2 may be involved in neuronal recognition mechanism. In hippocampal neurons, may regulate dendritic spine density (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	815890961
NCBI GeneID	1000
NCBI Accession #	NP_001295105.1
NCBI GenBank Nucleotide #	NM_001308176.1
UniProt Accession #	P19022; Q14923; Q8N173; A8MWK3; B0YIY6
Molecular Weight	97,040 Da
NCBI Official Full Name	cadherin-2 isoform 2
NCBI Official Synonym Full Names	cadherin 2
NCBI Official Symbol	CDH2
NCBI Official Synonym Symbols	CDHN; NCAD; CD325; CDw325
NCBI Protein Information	cadherin-2
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.

