

Rabbit anti-Human Cadherin-12 Polyclonal Antibody | anti-CDH12 antibody

Rabbit anti-human Cadherin-12 polyclonal Antibody

CATALOG # AAA229696	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

Cadherin-12; Polyclonal Antibody; Rabbit anti-human Cadherin-12 polyclonal Antibody; Cadherin-12 protein; Brain cadherin; BR-cadherin; Neural type cadherin 2; N-cadherin 2; CDH12; anti-CDH12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	794
Applicable Applications for anti-CDH12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Cadherin-12 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6977
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



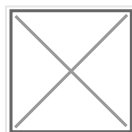
IHC (Immunohistochemistry)

Immunofluorescent analysis of PC3 cells using AAA229696 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA229696 at dilution of 1:50



WB (Western Blot)

All lanes: Cadherin-12 antibody at 2ug/ml Lane 1: EC109 whole cell lysate Lane 2: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 89,85 kDa Observed band size: 87 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CDH12 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. This gene encodes a type II classical cadherin from the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin appears to be expressed specifically in the brain and its temporal pattern of expression would be consistent with a role during a critical period of neuronal development, perhaps specifically during synaptogenesis.
Product Categories/Family for anti-CDH12 antibody	Cell adhesion

NCBI AND UNIPROT INFORMATION

NCBI GI #	16445393
NCBI GeneID	1010
NCBI Accession #	NP_004052.2
NCBI GenBank Nucleotide #	NM_004061.4
UniProt Accession #	P55289; Q86UD2; B2RBT1; B7Z2U6
Molecular Weight	84,001 Da
NCBI Official Full Name	cadherin-12 isoform 1 preproprotein
NCBI Official Synonym Full Names	cadherin 12
NCBI Official Symbol	CDH12
NCBI Official Synonym Symbols	CDHB
NCBI Protein Information	cadherin-12
UniProt Protein Name	Cadherin-12
UniProt Gene Name	CDH12
UniProt Synonym Gene Names	BR-cadherin; N-cadherin 2
UniProt Entry Name	CAD12_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cadherin-12-antibody-immunohistochemistry-western-blot-elisa/229696>