

Rabbit anti-Human, Mouse CDH12 Polyclonal Antibody | anti-CDH12 antibody

CDH12 Polyclonal Antibody

CATALOG # AAA175899	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

CDH12; Polyclonal Antibody; CDH12 Polyclonal Antibody; Br cadherin; BR-cadherin; Brain cadherin; CAD12_HUMAN; Cadherin 12 (N cadherin 2); Cadherin 12; Cadherin 12 precursor; Cadherin 12 type 2 (N cadherin 2); Cadherin 12 type 2; Cadherin neural type 2; Cadherin-12; CDHB; FLJ34857; N cadherin 2; N-cadherin 2; Neural type cadherin 2; Neuronal cadherin 2; anti-CDH12 antibody

PRODUCT SPECIFICATIONS

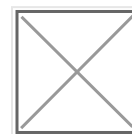
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Sequence Length	794
Applicable Applications for anti-CDH12 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CDH12
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using CDH12 Polyclonal Antibody at dilution of 1:60(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using CDH12 Polyclonal Antibody at dilution of 1:60(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CDH12 antibody	This gene encodes a type II classical cadherin of the cadherin superfamily. Alternative splicing of this gene results in multiple transcript variants. At least one of these variants encodes a preproprotein that is proteolytically processed to generate the mature cadherin protein. These integral membrane proteins mediate calcium-dependent cell-cell adhesion and 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 histidine-alanine-valine (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	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	16445393
NCBI GeneID	1010
NCBI Accession #	NP_004052.2
NCBI GenBank Nucleotide #	NP_004052.2
UniProt Accession #	P55289
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdh12-antibody-immunohistochemistry-elisa/175899>