

Product datasheet for TA339392

CDH12 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-CDH12 antibody: synthetic peptide directed towards the middle region of human CDH12. Synthetic peptide located within the following region: DTQEGVIKLLKPLDFETKKAYTFKVEASNLHLDHRFHSAGPFKDTATVKI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	82 kDa
Gene Name:	cadherin 12
Database Link:	NP_004052 Entrez Gene 1010 Human P55289



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Background:

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. [provided by RefSeq, Jul 2008]

Synonyms:

CDHB

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Zebrafish: 86%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-CDH12 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive
Control: 721_B cell lysate. CDH12 is supported by
BioGPS gene expression data to be expressed in
721_B