

Cadherin 12 (CDH12) Antibody

Catalogue No.: abx028263



CDH12 is 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.

Target: Cadherin 12 (CDH12)

Clonality: Polyclonal

Reactivity: Human

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 62-90 amino acids from the N-terminal region of human CDH12.

Isotype: IgG

Datasheet

Version: 2.0.0
Revision date: 18 Oct 2025



Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P55289 (UniProt , ExPASy)
NCBI Accession:	NP_004052.2
KEGG:	hsa:1010
String:	9606.ENSP00000371689
Molecular Weight:	Calculated MW: 88.3 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Mouse CDH12.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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