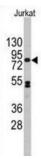


Cadherin 12 (CDH12) Antibody

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: <u>9606.ENSP00000371689</u>

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.