

Product Datasheet

CDH2 Antibody

Catalog No: AY1601

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB



Information

UniProt ID: P19022

All Names: CADH2, CDHN, Cadherin-2, N-cad, N-cadherin, NCAD, Neural-cadherin precursor, cadherin, neural

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human CDH2

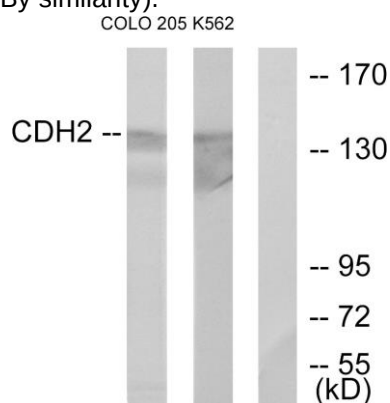
Molecular Wt.: 140 kDa

Application

WB: 1:500~1:1000

Background

Calcium-dependent cell adhesion protein; preferentially mediates homotypic cell-cell adhesion by dimerization with a CDH2 chain from another cell. Cadherins may thus contribute to the sorting of heterogeneous cell types. Acts as a regulator of neural stem cells quiescence by mediating anchorage of neural stem cells to ependymocytes in the adult subependymal zone: upon cleavage by MMP24, CDH2-mediated anchorage is affected, leading to modulate neural stem cell quiescence. Plays a role in cell-to-cell junction formation between pancreatic beta cells and neural crest stem (NCS) cells, promoting the formation of processes by NCS cells (By similarity).



Western blot analysis of extracts from COLO205 cells and K562 cells, using CDH2 antibody.

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