
anti- β -catenin

Cat #: HM1068
Rabbit polyclonal IgG
0.2 μ g/ μ l, store at 4 °C

For research use only

BACKGROUND

The catenins (α , β and γ) are proteins that bind to cadherins at the highly conserved intracellular cytoplasmic tail. They link E-cadherin to other integral membrane and cytoplasmic proteins. Together, the catenin/cadherin complexes play an important role mediating cellular adhesion. They also mediate transduction of cell-cell contact positional signals to the cell interior. The 92 kDa β -Catenin binds directly to E-cadherin. It also binds to the N-terminus of α -catenin and interacts with the protein product of the tumor suppressor gene APC. This interaction involves a 15-aa repeat in the APC. β -catenin levels seem to be controlled by APC.

APPLICATION

This antibody specifically reacts with human, mouse and rat β -catenin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

Molecular Weight of β -catenin: 92 kDa.
Western blotting positive controls: MDCK cells.

IMMUNOGEN

A recombinant protein corresponding to the carboxy terminus of human β -catenin.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

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