anti-α-catenin

Cat #: HM1067
Rabbit polyclonal IgG
0.2 μg/μl, 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. α-Catenin is a 102 kDa protein. It was initially described as an E-cadherin associated protein, and since has been shown to associate with other members of the cadherin family, such as N-cadherin and P-cadherin. Absence of alpha-catenin is found in certain tumor cell lines and reduced levels in certain human carcinomas.

APPLICATION
This antibody specifically reacts with α-catenin of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitiation and immunohistochemistry (including paraffinembedded sections).

Molecular Weight of α-catenin: 102 kDa.
Western blotting positive controls: A431 cells.

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

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

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