

β-Catenin

Cat.No. 281 003; Polyclonal rabbit antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg specific antibody, lyophilized. Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: yes ICC: 1 : 1000 IHC: 1 : 1000 IHC-P/FFPE: 1 : 500
Immunogen	Synthetic peptide corresponding to AA 768 to 782 from mouse β-Catenin (UniProt Id: Q02248)
Reactivity	Reacts with: human (P35222), rat (Q9WU82), mouse (Q02248), zebrafish, grasshopper. Other species not tested yet.
Specificity	Specific for β-catenin
matching control	281-0P

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

α, β and γ-catenin are intracellular proteins that link cadherins to the actin cytoskeleton. Cadherins are cell-surface proteins that are involved in cell-cell adhesion. α-N-catenin is expressed mainly in the nervous system. It is a cytoplasmic protein that interacts with N-cadherin and functions in cell-cell adhesion. It is a regulator for the stability of synaptic contacts and is important for cerebellar and hippocampal lamination. There are two isoforms which are differentially expressed during development. The major part of β-catenin localizes to the cell membrane and is part of E-cadherin/catenin adhesion complexes.

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