

β-Catenin Polyclonal Antibody

CATALOG #: 3380-100

AMOUNT: 100 μg

LOT #: _____

HOST: Rabbit

IMMUNOGEN: Synthetic peptide corresponding to residues around 40 of human β-Catenin.

FORMULATION:
100 μg (0.5 mg/ml) immunoaffinity purified rabbit polyclonal anti-β-Catenin antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal

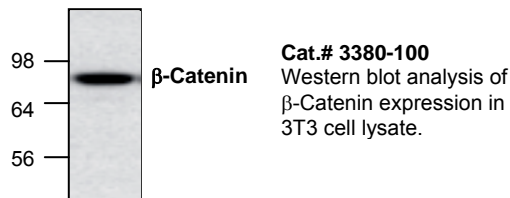
SPECIES REACTIVITY: human, mouse, rat

STORAGE CONDITIONS:
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:
Catenin is one of the key downstream effectors in the Wnt signaling pathway. It has been implicated to play an important role in early embryonic development and tumorigenesis. β-catenin can be destabilized by GSK-3β or other kinases by phosphorylating it at serines 33, 37, 45 and threonine 41. Mutations of these phosphorylation sites in β-catenin have been found in many tumor cell lines.

SPECIFICITY:
The antibody recognizes 90 kDa β-Catenin of human, mouse, and rat origin. It does not recognize α-catenin and γ-catenin.

APPLICATION:
The antibody can be used for Western blotting (0.5-4 μg/ml). Based on researchers feedback, it also works in immunohistochemistry (20 μg/ml). However, the optimal concentrations should be determined individually.



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