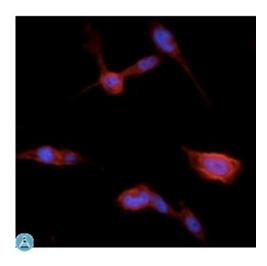


## **Anti-beta-Catenin antibody**



**Description** 

Goat polyclonal antibody to Catenin (cadherin-associated protein), beta 1. Beta Catenin is a 88 kDa protein and is a key downstream effector in the Wnt signalling pathway. It is involved in early embryonic development and tumorigenesis. Beta Catenin is part of a complex of proteins that constitute adherens junctions, necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. This protein anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes cells to stop dividing once the epithelial sheet is complete.

Model STJ140021

**Host** Goat

**Reactivity** Avian, Bovine, Canine, Donkey, Feline, Goat, Guinea Pig, Hamster, Horse,

Human, Mouse, Other, Porcine, Rabbit, Rat, Sheep, Simian

**Applications** IF, WB

**Immunogen** Purified recombinant peptide derived from within residues 731 aa to the C-

terminus of human beta Catenin produced in E. coli.

**Immunogen Region** C-Term, residues 731 aa

**Gene ID** <u>1499</u>

Gene Symbol CTNNB1

**Dilution range** Western blot 1:500-1:2,000Immunofluorescence

1:50-1:250Immunohistochemistry (paraffin) NDImmunohistochemistry

(frozen) ND

**Specificity** Detects a band of approximately 95 kDa by Western blot in MNT1 and SH-

SY5Y cell lysates.

**Purification** This antibody is epitope-affinity purified from goat antiserum.

**Note** For research use only (RUO).

**Protein Name** Catenin beta-1 Beta-catenin

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** PBS, 20% glycerol and 0.05% sodium azide.

**Concentration** 3 mg/mL

**Storage Instruction** Store at -20°, and avoid repeated freeze-thaw cycles.

Database Links HGNC:2514OMIM:114500

Alternative Names Catenin beta-1 Beta-catenin

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