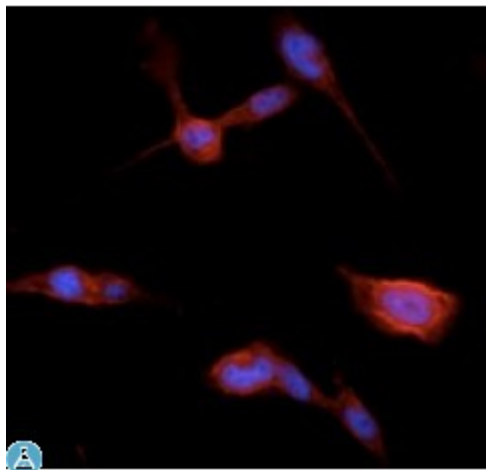


Anti-beta-Catenin antibody



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	1499
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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