

β-Catenin rabbit pAb

Cat No.:ES20585

For research use only

Overview

Product Name	β-Catenin rabbit pAb
Host species	Rabbit
Applications	WB
Species	Mouse;Rat;Rabbit
Cross-Reactivity	
Recommended dilutions	WB: 1:2000-4000
Immunogen	Recombinant Protein of Catenin beta-1
Specificity	The antibody detects endogenous β-Catenin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Catenin-β;b-catenin;Beta catenin;Beta-catenin;Cadherin associated protein;Catenin (cadherin associated protein), beta 1, 88 kDa;Catenin beta 1;Catenin beta-1;CATNB;CHBCAT;CTNB1_HUMAN;CTNNB;CTNNB1;DKFZ CTNNB1 CTNNB OK/SW-cl.35 PRO2286
Gene Name	
Cellular localization	Cytoplasm . Nucleus . Cytoplasm, cytoskeleton . Cell junction, adherens junction . Cell junction . Cell membrane . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole. Cell junction, synapse . Cytoplas
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	92kD
Human Gene ID	1499
Human Swiss-Prot Number	P35222
Alternative Names	CTNNB1; CTNNB; OK/SW-cl.35; Catenin beta-1; Beta-catenin
Background	The protein encoded by this gene is part of a complex of proteins that constitute adherens junctions (AJs). AJs are





necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also 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. Finally, this protein binds to the product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations in this gene are a cause of colorectal cancer (CRC), pilomatixoma (PTR), medulloblastoma (MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016],

Western blot analysis of 1) 3T3, 2) Rat Liver, diluted at 1:2,000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

