

β-Catenin rabbit pAb

Cat No.: ES20585

For research use only

Overview

Product Name β-Catenin rabbit pAb

Host species Rabbit WB **Applications**

Mouse;Rat;Rabbit **Species**

Cross-Reactivity

Recommended WB: 1:2000-4000

dilutions

Recombinant Protein of Catenin beta-1 **Immunogen**

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

Gene Name CTNNB1 CTNNB OK/SW-cl.35 PRO2286

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

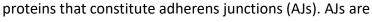
affinity-chromatography using epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml Observed band 92kD **Human Gene ID** 1499 **Human Swiss-Prot** P35222

Number

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

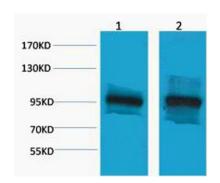




+86-27-59760950 ELKbio@ELKbiotech.com



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), pilomatrixoma (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

