



# ELK Biotechnology

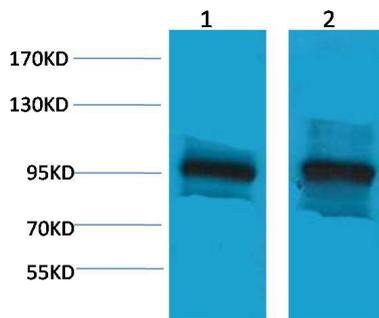
**$\beta$  -Catenin Rabbit pAb**  
**Catalog NO.: EA147**  
**For research use only.**

## Overview

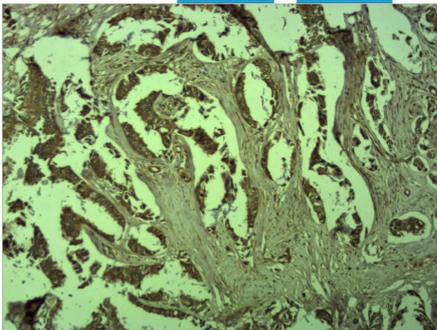
---

Product name	$\beta$ -Catenin Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB, IHC</b>
Species reactivity	<b>Mouse, Rat</b>
Recommended dilutions	<b>WesternBlot:1/1000</b> <b>Immunohistochemistry:1/500-1000</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>92kDa</b>
GeneID (Human)	1499
Human Swiss-Prot No.	P35222
Cellular localization	Cell junction, Cell membrane, Cell projection, Cytoplasm, Cytoskeleton, Membrane, Nucleus, Synapse
Alternative Names	beta catenin, b-catenin, CTNB1, CTNNB1, FLJ25606, OTTHUMP00000162082
Background	The distinct peripheral cytosolic proteins, alpha, beta and gamma catenin (102, 94 and 86 kDa) are found in many tissues and bind to the conserved cytoplasmic tail domain of the cell adhesion cadherins. Catenins link E cadherin to other integral membrane or cytoplasmic proteins and are modulated by Wnt1 proto oncogene. The central core region of beta catenin

is involved in mediation of cadherin catenin complex interaction with EGFR. Beta-Catenin-mediated signalling is involved at several stages of vertebrate neural development.



Western blot analysis of 1) 3T3, 2)Rat Liver, with  $\beta$ -Catenin Rabbit pAb EA147 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma using  $\beta$ -catenin (EA147) Rabbit pAb diluted at 1:500.