

Rabbit anti-Human beta-Catenin Polyclonal Antibody | anti-beta-Catenin antibody

beta-Catenin antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60033	Rabbit	Human	Western Blot, Immunoprecipitation

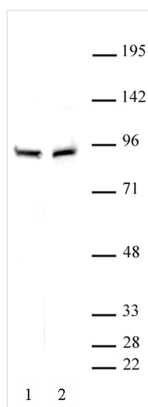
PRODUCT SYNONYMS

beta-Catenin; Polyclonal Antibody; beta-Catenin antibody (pAb); CTNNB; MRD19; armadillo; anti-beta-Catenin antibody

PRODUCT SPECIFICATIONS

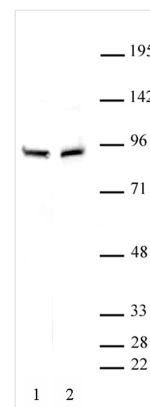
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-beta-Catenin antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This antibody was raised against a peptide within the N-terminal region of human beta-Catenin.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

beta-Catenin antibody (pAb) tested by Western blot. Detection of beta-Catenin antibody by Western blot analysis. Lane 1: A549 nuclear extract (30 ug). Lane 2: DU145 nuclear extract (20 ug). Both probed with beta-Catenin antibody at a dilution of 1:500.



WB (Western Blot)

beta-Catenin antibody (pAb) tested by Immunoprecipitation. 10 ul of beta-Catenin antibody was used to immunoprecipitate beta-Catenin from 500 ug of HeLa whole cell extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the beta-Catenin antibody at a dilution of 1:500.

ADDITIONAL INFORMATION

Related Product Information for anti-beta-Catenin antibody	Short Description: Our beta-Catenin antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. Background: beta-Catenin is a key downstream component of the canonical Wnt signaling pathway, plays an important role in the regulation of cell adhesion and embryonic development. In the absence of Wnt, it forms a complex with AXIN1, AXIN2, APC, CSNK1A1 and GSK3B that promotes phosphorylation on N-terminal Ser and Thr residues and ubiquitination of beta-Catenin via BTRC and subsequent degradation by the proteasome. In the presence of Wnt ligand, beta-Catenin is not ubiquitinated and accumulates in the nucleus, where it acts as a coactivator for transcription factors of the TCF/LEF family, leading to activation of Wnt responsive genes.
Product Categories/Family for anti-beta-Catenin antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503131
NCBI GeneID	1499
NCBI Accession #	NP_001895; AB_2614973
NCBI GenBank Nucleotide #	NM_001904.3
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	9,501 Da
NCBI Official Full Name	catenin beta-1
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), beta 1, 88kDa
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB
UniProt Entry Name	CTNB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/beta-catenin-antibody-western-blot-immunoprecipitation-elisa/60033>