

Rabbit CTNNB1 Polyclonal Antibody | anti-CTNNB1 antibody

CTNNB1 antibody - C-terminal region

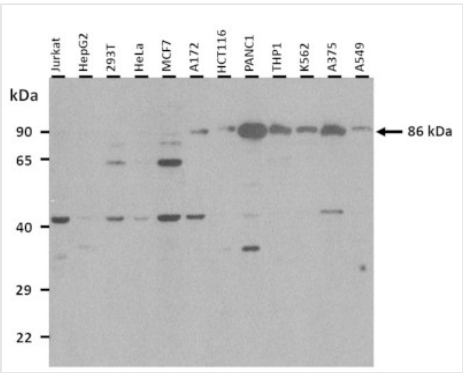
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201734	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

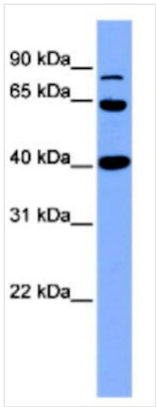
CTNNB1; Polyclonal Antibody; CTNNB1 antibody - C-terminal region; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

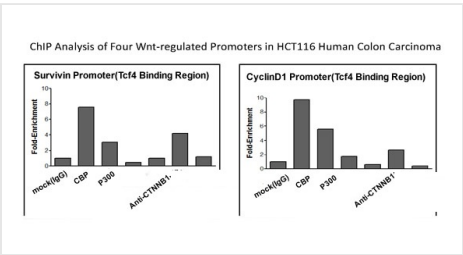
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: RT EPMANETAD LGLDIGAQGE PLGYRQDDPS YRSFHSGGYG QDALGMDP
Sequence Length	781
Applicable Applications for anti-CTNNB1 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation)
Homology	Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human CTNNB1
Protein Size (# AA)	781 amino acids
Blocking Peptide	For anti-CTNNB1 antibody is Catalog #
Protein Interactions	PPARD; PLA2G4A; FBXO45; BTRC; SUMO1; UBC; HUWE1; CDH5; CDH2; TCF4; TBL1X; SOX1; SKP1; RNF220; CACYBP; FBXW11; SUMO2; SIAH1; Apc2; COPS5; RNF14; CDH1; SP1; KCTD1; MDM2; UBE2B; GSK3B; NEK2; RBX1; PTGS2; STRN3; LATS2; APC; ELAVL1; AMOT; ABL1; AXIN1; CBL; LEF
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment.



WB (Western Blot)
WB Suggested Anti-CTNNB1 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:62500 Positive Control: Fetal Heart



ChIP (Chromatin Immunoprecipitation)

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	This is a rabbit polyclonal antibody against CTNNB1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior. At several stages of embryogenesis, wound healing, and tumor cell metastasis, cells form and leave epithelia. This process, which involves the disruption and reestablishment of epithelial cell-cell contacts, may be regulated by the disassembly and assembly of AJs. AJs may also function in the transmission of the 'contact inhibition' signal, which instructs cells to stop dividing once an epithelial sheet is complete. Beta-catenin is an adherens junction protein. Adherens junctions (AJs; also called the zonula adherens) are critical for the establishment and maintenance of epithelial layers, such as those lining organ surfaces. AJs mediate adhesion between cells, communicate a signal that neighboring cells are present, and anchor the actin cytoskeleton. In serving these roles, AJs regulate normal cell growth and behavior. At several stages of embryogenesis, wound healing, and tumor cell metastasis, cells form and leave epithelia. This process, which involves the disruption and reestablishment of epithelial cell-cell contacts, may be regulated by the disassembly and assembly of AJs. AJs may also function in the transmission of the 'contact inhibition' signal, which instructs cells to stop dividing once an epithelial sheet is complete. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-54 DA216720.1 1-54 55-2626 X87838.1 1-2572 2627-3720 AC104307.2 83770-84863
Product Categories/Family for anti-CTNNB1 antibody	Polyclonal; Cell Adhesion; Growth Factors & Hormones; Transcription Regulation; Cardiovascular; Cell Biology; Developmental Biology; Neuroscience; Signal Transduction; Chromatin Immunoprecipitation; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503131
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NCBI GeneID	1499
NCBI Accession #	NP_001895
NCBI GenBank Nucleotide #	NM_001904
UniProt Accession #	P35222
Molecular Weight	86 kDa
NCBI Official Full Name	catenin beta-1 isoform 1
NCBI Official Synonym Full Names	catenin beta 1
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	EVR7; 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://www.aaabiotech.com/polyclonal/ctnnb1-antibody-western-blot-chromatin-immunoprecipitation-elisa/201734>