

Rabbit anti-Human, Mouse beta Catenin Polyclonal Antibody | anti-CTNNB1 antibody

Rabbit anti-beta Catenin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211722	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

beta Catenin; Polyclonal Antibody; Rabbit anti-beta Catenin Antibody; Affinity Purified; armadillo; MRD19; EVR7; CTNNB; catenin beta-1; Beta-catenin; catenin (cadherin-associated protein); beta 1; 88kDa; Catenin beta-1; catenin beta 1; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-CTNNB1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, X. laevis, Bovine, Dog
Immunogen	Between 731 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



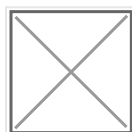
WB (Western Blot)

Detection of human and mouse beta Catenin by western blot. Samples: Whole cell lysate from HeLa (5, 15, and 50 ug), HEK293T (T; 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibody: Affinity purified rabbit anti-beta Catenin antibody AAA211722 used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human beta Catenin by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-beta Catenin antibody (AAA211722 lot 1) used for IP at 5 ug/mg lysate. beta Catenin was also immunoprecipitated by rabbit anti-beta Catenin antibodies and rabbit anti-beta Catenin recombinant monoclonal antibody. For blotting immunoprecipitated beta Catenin, was used at 1:1000. Detection: Chemiluminescence with an exposure time of 1 seconds.



IHC (Immunohistochemistry)

Detection of human beta Catenin by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-beta Catenin (Cat. No. AAA211722) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	beta Catenin plays an integral role in the Wnt signaling pathway and is critical to morphogenic signaling and body axis specification. Beta Catenin exists in complexes with cadherins, transmembrane proteins that mediate cell adhesion. When Wnt-signaling proteins bind their receptors, beta Catenin is stabilized and accumulates in the cell. Translocation of stabilized beta Catenin allows its association with transcription factors and the activation of specific gene expression.
Product Categories/Family for anti-CTNNB1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503131
NCBI GeneID	1499
NCBI Accession #	NP_001895.1
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-immunohistochemistry-immunoprecipitation-western-blot-elisa/211722>