

Goat beta-Catenin Polyclonal Antibody | anti-beta-Catenin antibody

Catenin beta 1 Polyclonal Antibody

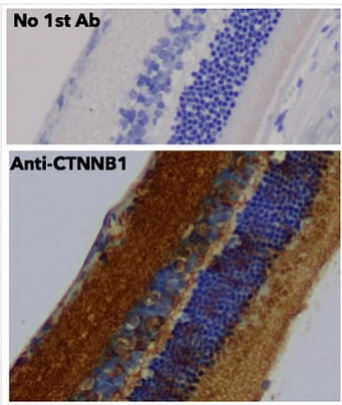
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13863	Goat	Human, rat, mouse, canine, and monkey proteins.	Immunofluorescence, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

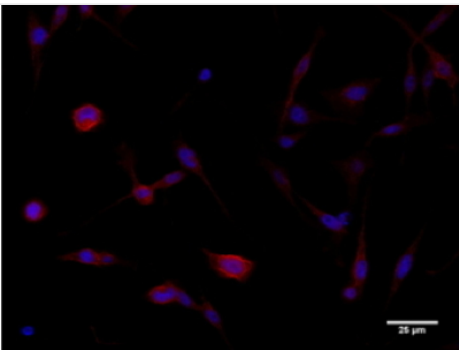
beta-Catenin; Polyclonal Antibody; Catenin beta 1 Polyclonal Antibody; Anti-beta-Catenin; cadherin-associated protein; CTNNB; CTNNB1; MRD19; armadillo antibody; anti-beta-Catenin antibody

PRODUCT SPECIFICATIONS

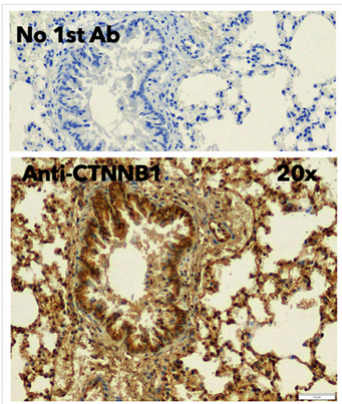
Host	Goat
Reactivity	Human, rat, mouse, canine, and monkey proteins.
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects a band of approximately 95 kDa by Western blot in MNT1 and SH-SY5Y cell lysates.
Form/Format	Polyclonal antibody supplied as a 200 ul (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	781
Applicable Applications for anti-beta-Catenin antibody	IF (Immunofluorescence), WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2,000 IF: 1:50-1:250 IHC-P 1:250-1:1000
Immunogen	Purified recombinant peptide derived from within residues 731 aa to the C-terminus of human beta Catenin produced in E. coli.
Handling	The antibody solution should be gently mixed before use.
Preparation and Storage	For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours Avoid freeze/thaw cycles.



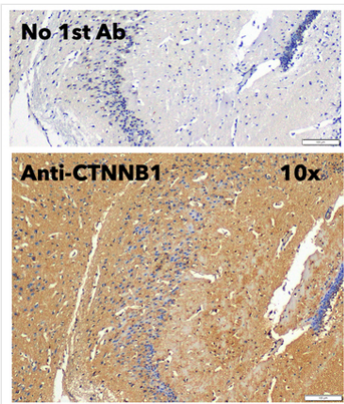
IHC (Immunohistochemistry)
IHC of mouse retina using anti-CTNNB1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CTNNB1 Ab at 1:500/DAB detection.



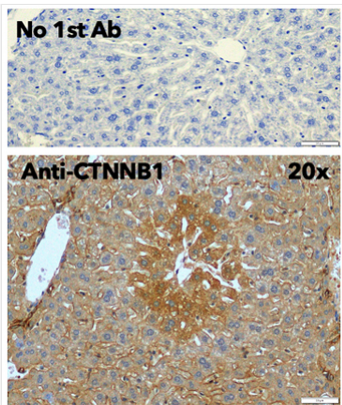
IF (Immunofluorescence)
Confocal immunofluorescence – anti-Catenin beta1 Ab in BEAS-2B cells at 1/250 dilution; cells were fixed with 4% of PFA;



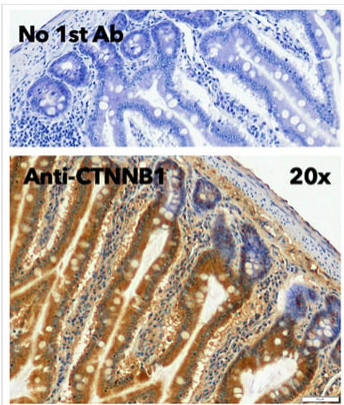
IHC (Immunohistochemistry)
IHC of mouse lung using anti-CTNNB1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CTNNB1 Ab at 1:500/DAB detection.



IHC (Immunohistochemistry)
IHC of mouse brain using anti-CTNNB1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CTNNB1 Ab at 1:500/DAB detection.



IHC (Immunohistochemistry)
IHC of mouse liver using anti-CTNNB1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CTNNB1 Ab at 1:500/DAB detection.



IHC (Immunohistochemistry)
IHC of mouse intestine using anti-CTNNB1 antibody and FFPE tissue after heat-induced antigen retrieval. Anti-CTNNB1 Ab at 1:500/DAB detection.

ADDITIONAL INFORMATION

Related Product Information for anti-beta-Catenin antibody	Catenin (cadherin-associated protein), beta 1, 88kDa
	Goat polyclonal antibody to Catenin (cadherin-associated protein), beta 1. Beta Catenin is a 88 kDa protein and is a key downstream effector in the Wnt signalling pathway. It is involved in early embryonic development and tumorigenesis. Beta Catenin is part of a complex of proteins that constitute adherens junctions, necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. This protein 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	860988
NCBI GeneID	1499
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
NCBI Official Full Name	beta-catenin
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-immunofluorescence-western-blot-immunohistochemistry-elisa/13863>