

Rabbit anti-Human CTNNB1/Beta Catenin Polyclonal Antibody | anti-CTNNB1 antibody

CTNNB1/Beta Catenin Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA21342	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	-----------------------	----------------------------	---

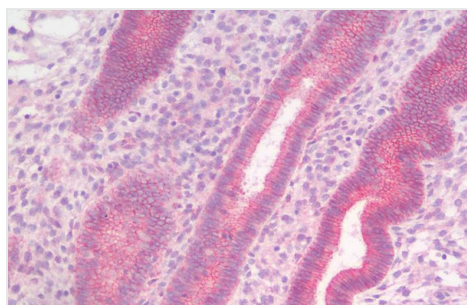
PRODUCT SYNONYMS

CTNNB1/Beta Catenin; Polyclonal Antibody; CTNNB1/Beta Catenin Rabbit anti-Human Polyclonal Antibody; PathPlus CTNNB1/Beta Catenin Antibody; CTNNB1; Beta-catenin; Catenin beta-1; CTNNB; Beta Catenin; anti-CTNNB1 antibody

PRODUCT SPECIFICATIONS

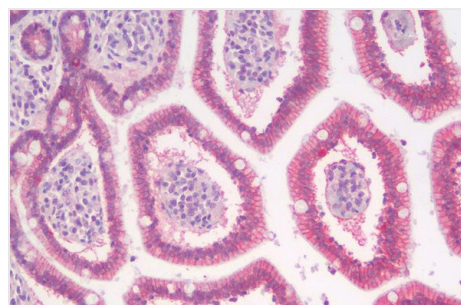
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CTNNB1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Target	Human CTNNB1/Beta Catenin
Immunogen	LP-10841, synthetic peptide
Conjugation	Unconjugated
Family	Catenin
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



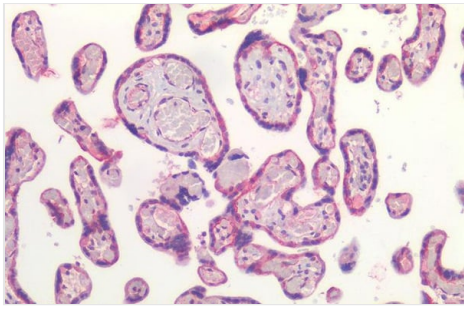
IHC (Immunohistochemistry)

CTNNB1/Beta Catenin Antibody-Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)

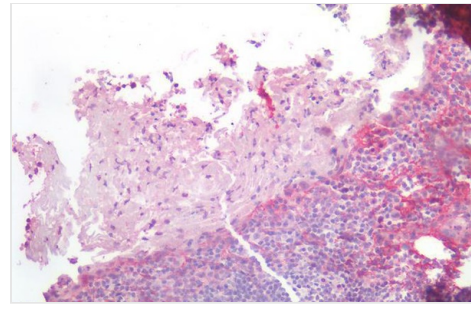


IHC (Immunohistochemistry)

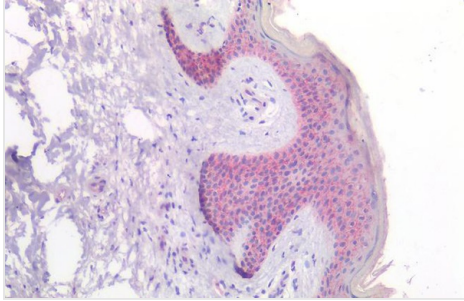
CTNNB1/Beta Catenin Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



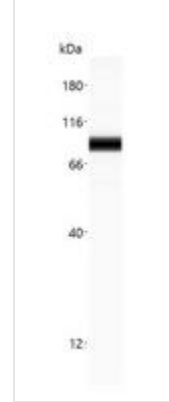
IHC (Immunohistochemistry)
CTNNB1/Beta Catenin Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CTNNB1/Beta Catenin Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
CTNNB1/Beta Catenin Antibody-Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
CTNNB1/Beta Catenin Antibody-Anti-CTNNB1 antibody (AAA21342, 20 ug/mL) yields a specific band on capillary Western analysis (Protein Simple, WES, 12-230 kDa separation module) in 0.25 mg/mL human beta-catenin overexpression lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNNB1 antibody	Beta Catenin antibody is an unconjugated rabbit polyclonal antibody to Beta Catenin (CTNNB1) from human. Validated for IHC and SWB. Beta-Catenin (CTNNB1) is a member of the armadillo family of proteins, and part of the Wnt/beta-catenin signaling pathway. It binds to the cytoplasmic region of the e-cadherin molecule (part of the adherens junction), a complex that is necessary for the creation and maintenance of epithelial layers by regulating cell growth and adhesion, as well as anchoring the actin cytoskeleton. This protein also binds to the APC gene, and mutations in this gene are implicated in colon cancer, papillary thyroid cancer, pilomatrixoma, medulloblastoma, and ovarian cancer. In pathology, CTNNB1 is used to identify desmoid tumors, colorectal cancer, and colon adenomas. It is positive in the membrane of the epithelium of the colon and appendix, weak in endothelial cells, hepatocytes, satellite cells in nerves and follicular dendritic cells in lymph nodes. Staining is membranous in normal colon, and can become nuclear in adenomas and adenocarcinomas.
References	Prakash, J Oral Maxillofac Pathol 2015 19(2):230; Luu 2004, Curr Cancer Drug Targets 4(8):653.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503131
NCBI GeneID	1499
NCBI Accession #	NP_001895.1
NCBI GenBank Nucleotide #	NM_001904
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctnnb1-beta-catenin-antibody-immunohistochemistry-western-blot-elisa/21342>