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# Datasheet for ABIN7146984 anti-CTNNB1 antibody (AA 2-781)

7 Images



### Overview

Quantity:	100 µg
Target:	CTNNB1
Binding Specificity:	AA 2-781
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTNNB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

# Product Details

Immunogen:	Recombinant Human Catenin beta-1 protein (2-781AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	CTNNB1
Alternative Name:	CTNNB1 (CTNNB1 Products)
Background:	Background: Involved in the regulation of cell adhesion. The majority of beta-catenin is localized

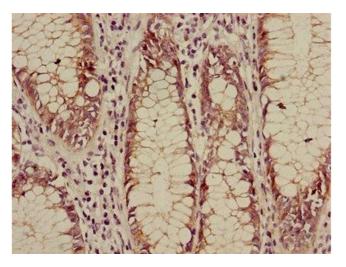
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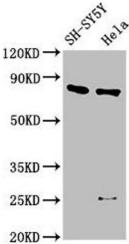
	to the cell membrane and is part of E-cadherin/catenin adhesion complexes which are
	proposed to couple cadherins to the actin cytoskeleton. Involved in signal transduction through
	the Wnt pathway. Nuclear beta-catenin it involved in transcriptional regulation by association
	with transcription factors of the TCF/LEF family.
	Aliases: b-catenin antibody, Beta catenin antibody, Beta-catenin antibody, Cadherin associated
	protein antibody, Catenin (cadherin associated protein), beta 1, 88 kDa antibody, Catenin beta 1
	antibody, Catenin beta-1 antibody, CATNB antibody, CHBCAT antibody, CTNB1_HUMAN
	antibody, CTNNB antibody, CTNNB1 antibody, DKFZp686D02253 antibody, FLJ25606 antibody,
	FLJ37923 antibody, OTTHUMP00000162082 antibody, OTTHUMP00000165222 antibody,
	OTTHUMP00000165223 antibody, OTTHUMP00000209288 antibody, OTTHUMP00000209289
	antibody
UniProt:	P35222
Pathways:	WNT Signaling, Intracellular Steroid Hormone Receptor Signaling Pathway, Peptide Hormone
	Metabolism, Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Tube
	Formation, Maintenance of Protein Location, Signaling Events mediated by VEGFR1 and
	VEGFR2

# Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:100-1:500, IF:1:50-1:200, IP:1:200-1:2000,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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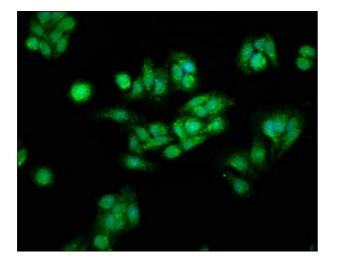


#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7146984 at dilution of 1:100

## Western Blotting

**Image 2.** Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, Hela whole cell lysate All lanes: CTNNB1 antibody at 2.5 µg/mL Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 86 kDa Observed band size: 86 kDa



#### Immunofluorescence

**Image 3.** Immunofluorescence staining of HepG2 cells with ABIN7146984 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Please check the product details page for more images. Overall 7 images are available for ABIN7146984.

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