beta Catenin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human beta Catenin. The exact sequence is proprietary.
Form	Liquid
Concentration	0.07 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2735522

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:20,000	4 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	1 Publication
Flow Cytometry (Flow)	1:50-1:200	-
Immunoprecipitation (IP)	1:50-1:100	-
ChIP assay (ChIP)	Assay-Dependent	-

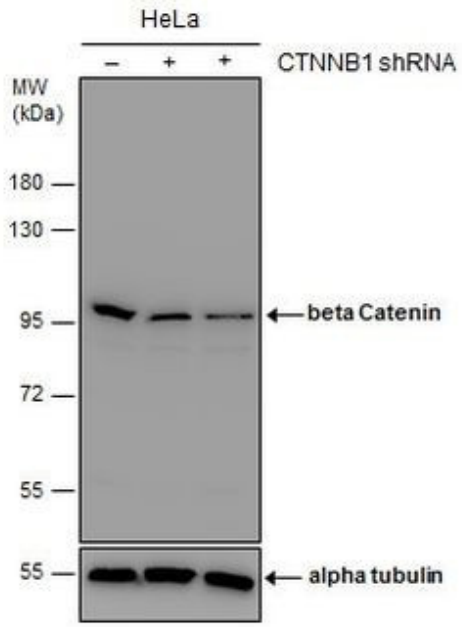
Product Specific Information

Positive Control: HeLa, A549, H1299, HCT116, PC-12, Mouse brain, human fibroblast, LX2

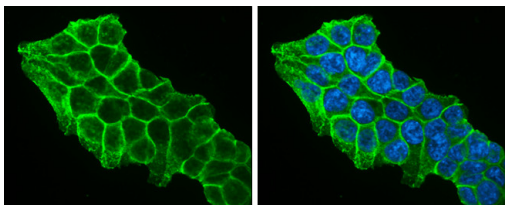
Predicted Reactivity: Zebrafish (95%), Xenopus laevis (97%), Dog (99%), Pig (99%), Chicken (97%), Sheep (99%), Rhesus Monkey (100%), Bovine (99%)

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

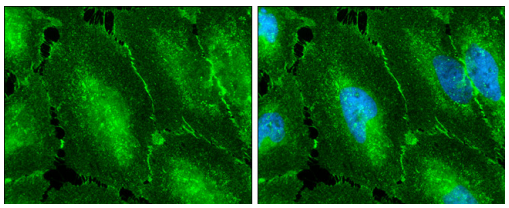
Product Images For beta Catenin Polyclonal Antibody



beta Catenin Antibody (PA5-77934)
Antibody specificity was demonstrated by shRNA mediated knockdown of target protein. HeLa cells were transfected with beta Catenin shRNA and decrease in signal intensity was observed in Western blotting using Anti-beta Catenin Polyclonal Antibody (Product # PA5-77934). {KD}



beta Catenin Antibody (PA5-77934) in ICC/IF
beta Catenin Polyclonal Antibody detects beta Catenin protein at cell membrane by immunofluorescent analysis. Sample: HCT 116 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: beta Catenin protein stained by beta Catenin Polyclonal Antibody (Product # PA5-77934) diluted at 1:500. Blue: Hoechst 33342 staining.



beta Catenin Antibody (PA5-77934) in ICC/IF
beta Catenin Polyclonal Antibody detects beta Catenin protein at cell membrane by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: beta Catenin protein stained by beta Catenin Polyclonal Antibody (Product # PA5-77934) diluted at 1:500. Blue: Hoechst 33342 staining.

View more figures on thermofisher.com

6 References

Western Blot (4)

Journal of traditional and complementary medicine

Cell-free *Lactiplantibacillus plantarum* OC01 supernatant suppresses IL-6-induced proliferation and invasion of human colorectal cancer cells: Effect on -Catenin degradation and induction of autophagy.

"Published figure using beta Catenin polyclonal antibody (Product # PA5-77934) in Western Blot"

Authors: Vallino L,Garavaglia B,Visciglia A,Amoruso A,Pane M,Ferraresi A,Isidoro C

Year
2023

Biomedicines

Butyrate Inhibits Colorectal Cancer Cell Proliferation through Autophagy Degradation of -Catenin Regardless of *APC* and -Catenin Mutational Status.

"Published figure using beta Catenin polyclonal antibody (Product # PA5-77934) in Immunocytochemistry"

Authors: Garavaglia B,Vallino L,Ferraresi A,Esposito A,Salwa A,Vidoni C,Gentilli S,Isidoro C

Year
2022

Species
Human

Dilution
1:500

View more WB references on thermofisher.com

Immunohistochemistry (1)

Cell reports

TRPV6 channel mediates alcohol-induced gut barrier dysfunction and systemic response.

"PA5-77934 was used in Immunohistochemistry-immunofluorescence to identify TRPV6, a Ca2+-permeable channel, as responsible for alcohol-induced elevation of intracellular Ca2+, intestinal barrier dysfunction, and systemic inflammation."

Authors: Meena AS,Shukla PK,Bell B,Giorgianni F,Caires R,Fernández-Peña C,Beranova S,Aihara E,Montrose MH, Chaib M,Makowski L,Neeli I,Radic MZ,Vásquez V,Jaggar JH,Cordero-Morales JF,Rao R

Year
2022

Species
Mouse

Immunocytochemistry (1)

Biomedicines

Butyrate Inhibits Colorectal Cancer Cell Proliferation through Autophagy Degradation of -Catenin Regardless of *APC* and -Catenin Mutational Status.

"Published figure using beta Catenin polyclonal antibody (Product # PA5-77934) in Immunocytochemistry"

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Year
2022

Species
Human

Dilution
1:500

More applications with references on thermofisher.com

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