

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 | - |

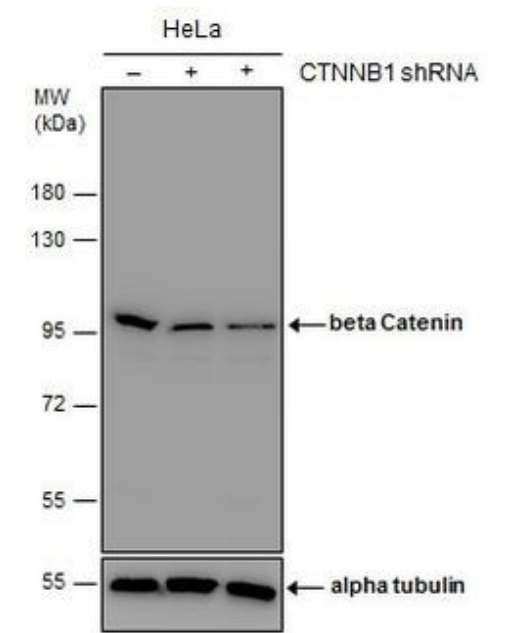
Product Specific Information

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%)

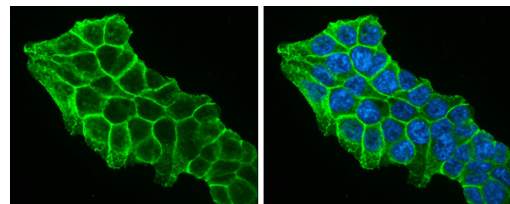
Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For beta Catenin Polyclonal Antibody



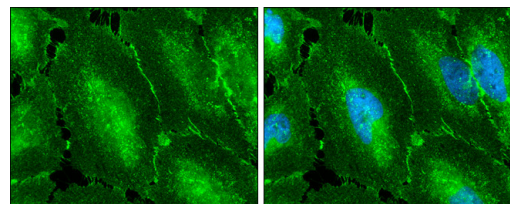
beta Catenin Antibody (PA5-77934)

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

Western Blot (4)

| | |
|--|--------------|
| Journal of traditional and complementary medicine | Year 2023 |
| Cell-free <i>Lactiplantibacillus plantarum</i> 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, Amoroso A, Pane M, Ferraresi A, Isidoro C | |

| | |
|---|-------------------|
| Biomedicines | Year 2022 |
| Butyrate Inhibits Colorectal Cancer Cell Proliferation through Autophagy Degradation of -Catenin Regardless of APC and -Catenin Mutational Status. | Species Human |
| "Published figure using beta Catenin polyclonal antibody (Product # PA5-77934) in Immunocytochemistry" | Dilution 1:500 |
| Authors: Garavaglia B, Vallino L, Ferraresi A, Esposito A, Salwa A, Vidoni C, Gentili S, Isidoro C | |

[View more WB references on thermofisher.com](#)

Immunohistochemistry (1)

| | |
|---|------------------|
| Cell reports | Year 2022 |
| TRPV6 channel mediates alcohol-induced gut barrier dysfunction and systemic response. | Species Mouse |
| "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 | |

Immunocytochemistry (1)

| | |
|---|-------------------|
| Biomedicines | Year 2022 |
| Butyrate Inhibits Colorectal Cancer Cell Proliferation through Autophagy Degradation of -Catenin Regardless of APC and -Catenin Mutational Status. | Species Human |
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| Authors: Garavaglia B, Vallino L, Ferraresi A, Esposito A, Salwa A, Vidoni C, Gentili S, Isidoro C | |

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