

beta Catenin Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Rat, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 750 to the C-terminus of Human beta Catenin.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10982741

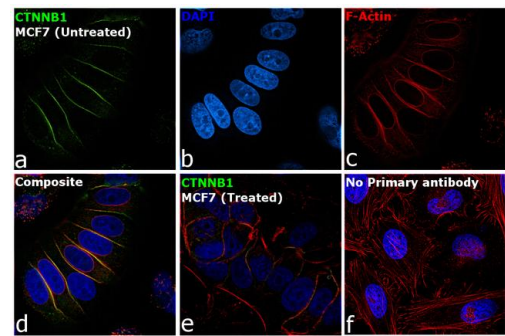
Applications	Tested Dilution	Publications
Western Blot (WB)	0.25 µg/mL	6 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	0.5-1 µg/mL	1 Publication
Immunocytochemistry (ICC/IF)	1-5 µg/mL	1 Publication
ELISA (ELISA)	0.1 µg/mL	-

Product Specific Information

Heat mediated antigen retrieval recommended prior to tissue staining.

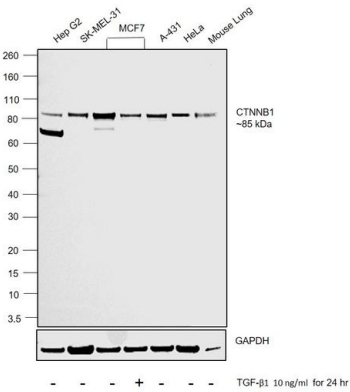
This antibody is predicted to react with chicken and pig based on sequence homology.

Product Images For beta Catenin Polyclonal Antibody



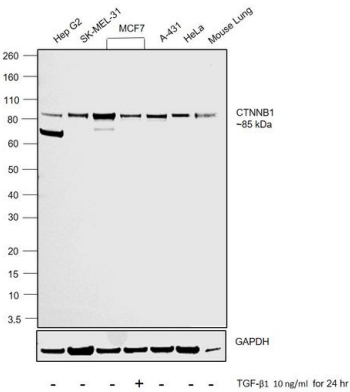
beta Catenin Antibody (PA5-19469)

Detection of altered subcellular localization of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis using beta Catenin Polyclonal Antibody (Product # PA5-19469), shows decreased expression of CTNNB1 protein upon TGF-beta1 treatment for 24 hours in MCF7 cells. {TM}



beta Catenin Antibody (PA5-19469) in WB

Western blot was performed using Anti-beta Catenin Polyclonal Antibody (Product # PA5-19469) and a 85 kDa band corresponding to Catenin beta-1 was observed across the cell lines and tissues tested except Hep G2 which contain an exon 3-4 truncation mutation in the CTNNB1 gene corresponding to deletion of amino acids 25-140 in the β-catenin protein. Whole cell extracts (30 µg lysate) of Hep G2 (Lane 1), SK-MEL-31 (Lane 2), MCF7 (Lane 3), MCF7 treated with 10 ng/mL of TGF-beta1 for 24 hours (Lane 4), A-431 (Lane 5), HeLa (Lane 6) and Mouse Lung (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # LC2002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (at a concentration of 0.5 µg/mL) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



beta Catenin Antibody (PA5-19469)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using beta Catenin Polyclonal Antibody (Product # PA5-19469), shows decreased expression of Catenin beta -1 upon TGF-beta1 treatment in MCF7 cells. {TM}

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Western Blot (6)

<p>Materials (Basel, Switzerland)</p> <p>Reduced Graphene Oxide Modulates the FAK-Dependent Signaling Pathway in Glioblastoma Multiforme Cells In Vitro.</p> <p>"Published figure using beta Catenin polyclonal antibody (Product # PA5-19469) in Western Blot"</p> <p>Authors: Szczepaniak J,Sosnowska M,Wierzicki M,Witkowska-Pilaszewicz O,Strojny-Cieslak B,Jagiello J,Fraczek W, Kusmierz M,Grodzik M</p>	<p>Year 2022</p>
<p>International journal of molecular sciences</p> <p>Modulation of miR-204 Expression during Chondrogenesis.</p> <p>"Published figure using beta Catenin polyclonal antibody (Product # PA5-19469) in Western Blot"</p> <p>Authors: Dalle Carbonare L,Bertacco J,Minoia A,Cominacini M,Bhandary L,Elia R,Gambaro G,Mottes M,Valenti MT</p>	<p>Year 2022</p>

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

Immunohistochemistry (1)

<p>Animals : an open access journal from MDPI</p> <p>R-Spondin 2 and WNT/CTNNB1 Signaling Pathways Are Required for Porcine Follicle Development and In Vitro Maturation.</p> <p>"Published figure using beta Catenin polyclonal antibody (Product # PA5-19469) in Immunohistochemistry"</p> <p>Authors: Hwang SU,Yoon JD,Kim M,Cai L,Choi H,Oh D,Kim E,Hyun SH</p>	<p>Year 2021</p>
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Immunohistochemistry (Paraffin) (1)

<p>Oncogene</p> <p>Intestinal knockout of Nedd4 enhances growth of Apc^{min} tumors.</p> <p>"PA519469 was used in immunohistochemistry - paraffin section to use knockout mice to assess the effect of Nedd4 on intestinal tumor formation and growth"</p> <p>Authors: Lu C,Thoeni C,Connor A,Kawabe H,Gallinger S,Rotin D</p>	<p>Year 2016</p> <p>Species Mouse</p>
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More applications with references on thermofisher.com

ICC/IF (1)

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