

gamma Catenin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 503 and 725 of Human JUP
Form	Liquid
Concentration	0.36 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol
Contains	0.01% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547404

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:200	-
Immunoprecipitation (IP)	1:100-1:500	-

Product Specific Information

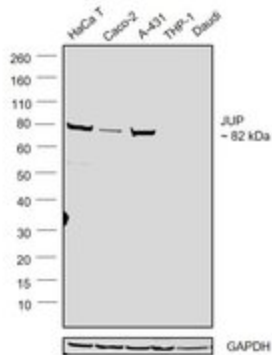
Recommended positive controls: A431.

Predicted reactivity: Mouse (99%), Rat (99%), Xenopus laevis (87%), Dog (99%), Pig (98%), Chicken (97%), Rhesus Monkey (100%), Bovine (98%).

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

gamma Catenin Antibody (PA5-29930)

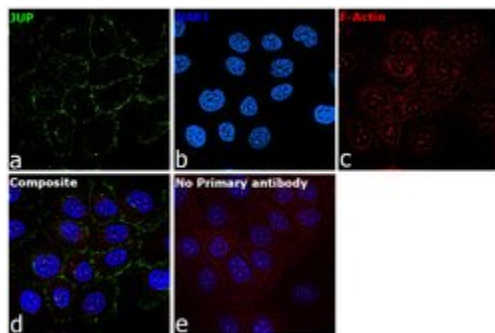
Antibody specificity was demonstrated by detection of differential basal expression of the target across the cell lines tested owing to their inherent genetic constitution. Relative expression of gamma Catenin was observed in HaCaT, Caco-2 and A-431 in comparison to THP-1 and Daudi cell lines using Anti-gamma Catenin Polyclonal Antibody (Product # PA5-29930) in Western Blot. Relative expression validation info.



Product Images For gamma Catenin Polyclonal Antibody

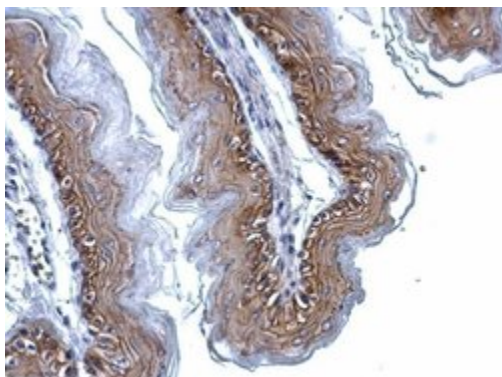
gamma Catenin Antibody (PA5-29930) in ICC/IF

Immunofluorescence analysis of gamma Catenin was performed using 70% confluent log phase HaCaT cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with gamma Catenin Polyclonal Antibody (Product # PA5-29930) at 1:200 dilution in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2000 dilution), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300 dilution). Panel d represents the merged image showing membrane and cytoplasm localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



gamma Catenin Antibody (PA5-29930) in IHC (P)

Immunohistochemical analysis of JUP in the cytosol and membrane of paraffin-embedded mouse esophagus tissue using a JUP polyclonal antibody (Product # PA5-29930) at a dilution of 1:500.



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Immunohistochemistry (1)

JCI insight

Central role for GSK3 in the pathogenesis of arrhythmogenic cardiomyopathy.

"PA529930 was used in immunohistochemistry and western blot to report that SB216763 prevents myocyte injury and cardiac dysfunction in two murine models of arrhythmogenic cardiomyopathy"

Authors: Chelko SP,Asimaki A,Andersen P,Bedja D,Amat-Alarcon N,DeMazumder D,Jasti R,MacRae CA,Leber R, Kleber AG,Saffitz JE,Judge DP

Species
Mouse

Dilution
Not Cited

Year
2016

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