

Pericentrin Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human Pericentrin
Form	Liquid
Concentration	0.05 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
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_2645392

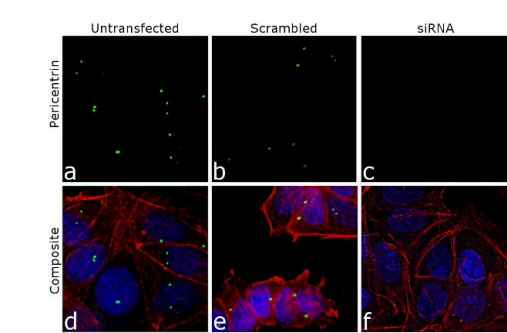
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

Immunogen sequence: MLDLSSWSSP EVLRKDWTL PWPSLPVTPH SGALSLCSAD TSLGDRADTS LPQTQGPGLL CSPGVSAAL ALQWAESPPA DDHHVQRTAV EKDVEDFITT SFDSQETLSS PPPGLEKAD RSEKSDGSG

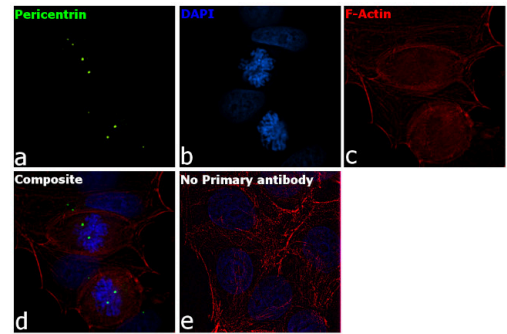
Highest antigen sequence identity to the following orthologs: Mouse - 58%, Rat - 58%.

Product Images For Pericentrin Polyclonal Antibody



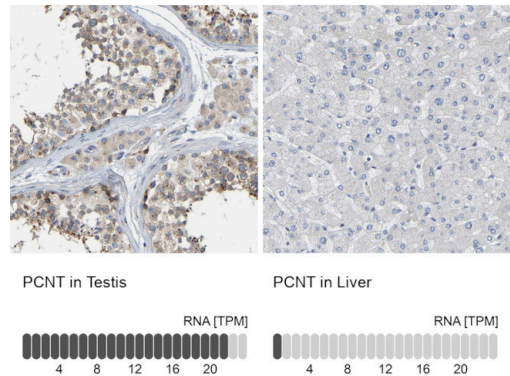
Pericentrin Antibody (PA5-54109)

Antibody specificity was demonstrated by siRNA mediated KD of target protein. MCF7 cells were transfected with Pericentrin siRNA and reduction of specific signal was observed in Immunofluorescence application using Pericentrin Rabbit Polyclonal Antibody (Product # PA5-54109). {KD}



Pericentrin Antibody (PA5-54109) in ICC/IF

Immunofluorescence analysis of Pericentrin was performed using MCF7 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Pericentrin Rabbit Polyclonal Antibody (Product # PA5-54109) at 4µg/mL in 0.1% BSA and incubated overnight at 4 degree and then labeled with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the composite image showing centrosomal localization of Pericentrin. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification. .



Pericentrin Antibody (PA5-54109)

Relative expression in different tissues in IHC: Detection of differential expression levels of Pericentrin demonstrates antibody specificity. Immunohistochemical analysis of Pericentrin using anti-Pericentrin Polyclonal Antibody (Product # PA5-54109), shows significant staining of Pericentrin in human testis and shows minimal or weak staining in human liver tissues. The relative expression levels of Pericentrin within each tissue is shown using RNA-Seq. {RE}

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Immunohistochemistry (1)

Acta neuropathologica communications	Year 2020
Meningioma cells express primary cilia but do not transduce ciliary Hedgehog signals.	Species Human
"Published figure using Pericentrin polyclonal antibody (Product # PA5-54109) in Immunohistochemistry"	
Authors: Findakly S,Choudhury A,Daggubati V,Pekmezci M,Lang UE,Raleigh DR	

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