

PCM1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human PCM1
Form	Liquid
Concentration	0.1 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_2645287

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	1:200-1:500	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

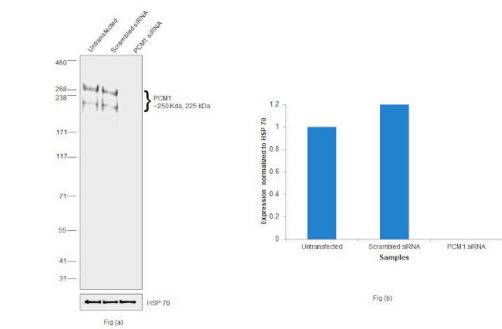
Immunogen sequence: TIYSEVATLI SQNESRPHFL IELFHELQLL NTDYLRQRAL YALQDIVSRH ISESHEKGEN VKSVNSGTWI ASNSELTPSE SLATTDDETF EKNFE

Highest antigen sequence identity to the following orthologs: Mouse - 94%, Rat - 95%.

Product Images For PCM1 Polyclonal Antibody

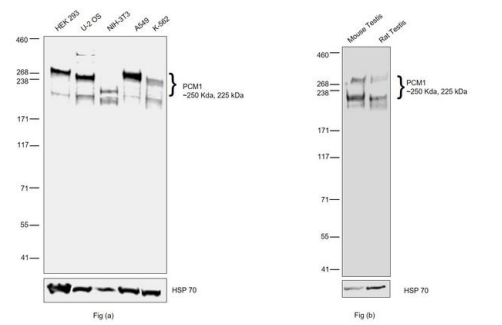
PCM1 Antibody (PA5-54779)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. A549 cells were transfected with PCM1 siRNA and decrease in signal intensity was observed in Western Blot application using Anti-PCM1 Polyclonal Antibody (Product # PA5-54779). {KD}



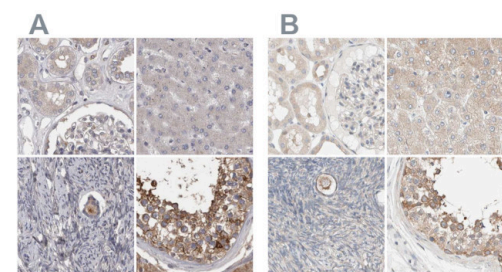
PCM1 Antibody (PA5-54779) in WB

Western blot was performed using Anti-PCM1 Polyclonal Antibody (Product # PA5-54779) and a 250kDa and 225kDa band corresponding to PCM1 were observed across cell lines and tissue tested. Whole cell extracts (40 µg lysate) of HEK-293 (Lane 1), U-2 OS (Lane 2), NIH/3T3 (Lane 3), A549 (Lane 4) and K-562 (Lane 5) as seen in Fig (a). Tissue extracts of Mouse Testis (Lane 1) and Rat Testis (Lane 2) as seen in Fig (b) were electrophoresed using NuPAGE™ 3-8% Tris-Acetate Protein Gel (Product # EA0378BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001) and then equilibrated with 20% ethanol. The blot was probed with the primary antibody (1:500 dilution) 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).



PCM1 Antibody (PA5-54779)

Relative expression in different tissues in IHC: Detection of differential expression levels of PCM1 demonstrates antibody specificity. Immunohistochemical analysis of PCM1 using anti-PCM1 Polyclonal Antibody (Product # PA5-54779), shows significant staining of PCM1 in human testis and shows minimal or weak staining in human liver tissues. The relative expression levels of PCM1 within each tissue is shown using RNA-Seq. {RE}



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