

Product Datasheet

PCM1 Antibody NB100-58828

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 3

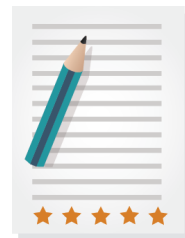
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NB100-58828

PCM1 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

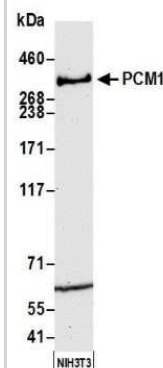
Product Description	
Description	Novus Biologicals Rabbit PCM1 Antibody (NB100-58828) is a polyclonal antibody validated for use in WB and IP. Anti-PCM1 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5108
Gene Symbol	PCM1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1925 and 1975 of human pericentriolar material 1 using the numbering given in entry NP_006188.2 (GeneID 5108).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunoprecipitation 2-5 mcg/mg lysate

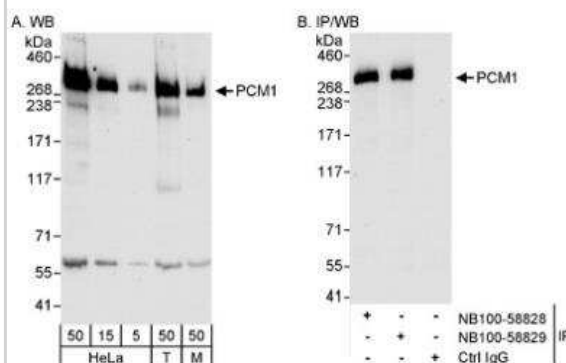


Images

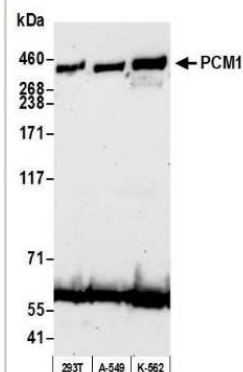
Western Blot: PCM1 Antibody [NB100-58828] - Detection of mouse PCM1 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PCM1 antibody NB100-58828 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



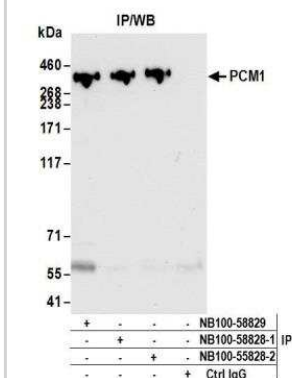
Western Blot: PCM1 Antibody [NB100-58828] - Detection of Human and Mouse PCM1 on HeLa whole cell lysate using NB100-58828. PCM1 was also immunoprecipitated by rabbit anti-PCM1 antibody NB100-58829.



Western Blot: PCM1 Antibody [NB100-58828] - Detection of human PCM1 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, A-549, and K-562 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PCM1 antibody NB100-58828 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Immunoprecipitation: PCM1 Antibody [NB100-58828] - Detection of human PCM1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PCM1 antibody NB100-58828 (lot NB100-58828-2) used for IP at 6 ug per reaction. PCM1 was also immunoprecipitated by a previous lot of this antibody (lot NB100-58828-1) and rabbit anti-PCM1 antibody NB100-58829. For blotting immunoprecipitated PCM1, NB100-58828 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Publications

Kuriyama R, Bettencourt-Dias M, Hoffmann I et al. Gamma-tubulin-containing abnormal centrioles are induced by insufficient Plk4 in human HCT116 colorectal cancer cells. J Cell Sci 2009-06-01 [PMID: 19454482]

Chakravarthy B, Menard M, Brown L et al. A synthetic peptide corresponding to a region of the human pericentriolar material 1 (PCM-1) protein binds beta-amyloid (Abeta1-42) oligomers J Neurochem 2013-02-22 [PMID: 23432034] (WB, IP, Mouse)

Moynihan KL, Pooley R, Miller PM et al. Murine CENP-F regulates centrosomal microtubule nucleation and interacts with Hook2 at the centrosome. Mol Biol Cell. 20(22):4790-803. 2009-11-01 [PMID: 19793914]



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Products Related to NB100-58828

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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