

Rabbit anti-Human, Mouse PCM1 Polyclonal Antibody | anti-PCM1 antibody

Rabbit anti-PCM1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211335	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

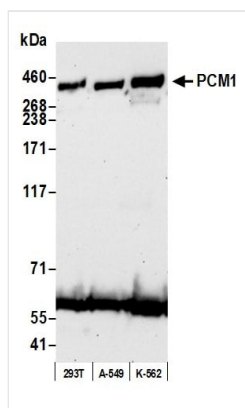
PRODUCT SYNONYMS

PCM1; Polyclonal Antibody; Rabbit anti-PCM1 Antibody; Affinity Purified; PCM-1; PTC4; RET/PCM-1; hPCM-1; pericentriolar material 1; pericentriolar material 1 protein; Pericentriolar material 1 protein; anti-PCM1 antibody

PRODUCT SPECIFICATIONS

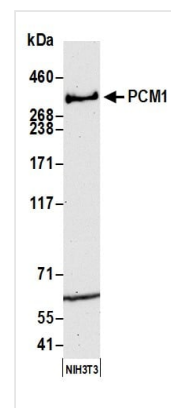
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-PCM1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1925 and 1975
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



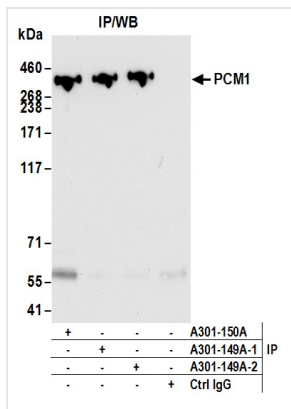
WB (Western Blot)

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 AAA211335 (lot AAA211335-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



WB (Western Blot)

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 AAA211335 (lot AAA211335-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

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 AAA211335 (lot AAA211335-2) used for IP at 6 ug per reaction. PCM1 was also immunoprecipitated by a previous lot of this antibody (lot AAA211335-1) and rabbit anti-PCM1 antibody For blotting immunoprecipitated PCM1, AAA211335 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PCM1 antibody	PCM1 (pericentriolar material protein 1) is involved in centrosomal trafficking and may function to transport centrosomal proteins to the centrosome along microtubules. Knockdown of PCM1 results in defects in centrosomal assembly, cell cycle arrest in G0 or G1, and activation of the p38-dependent stress pathway and the p53-dependent cell cycle checkpoint. PCM1 is implicated in the susceptibility to schizophrenia.
Product Categories/Family for anti-PCM1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5108
UniProt Accession #	Q15154
UniProt Protein Name	Pericentriolar material 1 protein
UniProt Gene Name	PCM1
UniProt Synonym Gene Names	PCM-1; hPCM-1
UniProt Entry Name	PCM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcm1-antibody-immunoprecipitation-western-blot-elisa/211335>