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Datasheet for ABIN7466508  
**anti-PCM1 antibody**

### Overview

Quantity:	100 µL
Target:	PCM1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCM1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PCM1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	PCM1
Alternative Name:	pericentriolar material 1 ( <a href="#">PCM1 Products</a> )
Background:	Pericentriolar material 1 , PTC4 , RET/PCM-1, The protein encoded by this gene is a component of centriolar satellites, which are electron dense granules scattered around centrosomes. Inhibition studies show that this protein is essential for the correct localization of several

## Target Details

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centrosomal proteins, and for anchoring microtubules to the centrosome. Chromosomal aberrations involving this gene are associated with papillary thyroid carcinomas and a variety of hematological malignancies, including atypical chronic myeloid leukemia and T-cell lymphoma. [provided by RefSeq]

Molecular Weight: 229 kDa

Gene ID: 5108

UniProt: [Q15154](#)

Pathways: [Stem Cell Maintenance](#), [M Phase](#), [Maintenance of Protein Location](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Jurkat , Raji , NCI-H929

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.95 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.