

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

PCM1 Polyclonal Antibody

CATALOG # AAA281477	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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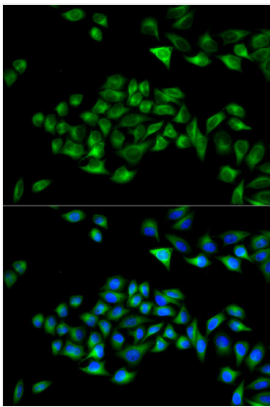
PRODUCT SYNONYMS

PCM1; Polyclonal Antibody; PCM1 Polyclonal Antibody; PTC4; RET/PCM-1; pericentriolar material 1; anti-PCM1 antibody

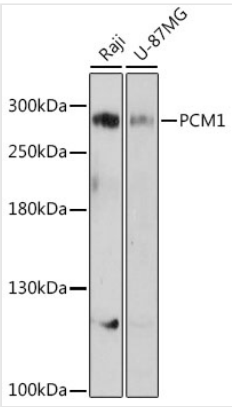
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	0.17 mg/ml (varies by lot)
Sequence Length	2024
Applicable Applications for anti-PCM1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human PCM1 (NP_006188.3).
Immunogen Sequence	MATGGGPFEDGMNDQDLPNWSNENVDDRLNMDWGAQQKKANRSSEKNKKKFGVESDKRVTNDISPESSPGVGRRRTKTPHTFPHSRYMSQMSVPI
Positive Samples	Raji, U-87MG
Cellular Location	Cytoplasm, Cytoplasmic Granule, Centriolar Satellite, Centrosome, Cilium Basal Body, Cytoskeleton, Microtubule Organizing Center
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence-PCM1 Polyclonal Antibody



WB (Western Blot)
Western blot-PCM1 Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PCM1 antibody	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 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. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	134142826
NCBI GeneID	5108
NCBI Accession #	NP_006188.3
NCBI GenBank Nucleotide #	NP_006188.3
UniProt Accession #	Q15154
Molecular Weight	Calculated: 59kDa; 222kDa; 228kDa Observed: 280kDa
NCBI Official Full Name	pericentriolar material 1 protein isoform 1
NCBI Official Synonym Full Names	pericentriolar material 1
NCBI Official Symbol	PCM1
NCBI Official Synonym Symbols	PTC4; RET/PCM-1
NCBI Protein Information	pericentriolar material 1 protein
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.