

PCM1 Rabbit pAb

Catalog No.: A16637

Basic Information

Observed MW

270kDa

Calculated MW

229kDa

Category

Primary antibody

Applications

ELISA,WB,IF/ICC

Cross-Reactivity

Human, Mouse

Background

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.

Recommended Dilutions

WB	1:1000 - 1:5000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

5108

Swiss Prot

Q15154

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human PCM1 (NP_006188.4).

Synonyms

PTC4; RET/PCM-1; PCM1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

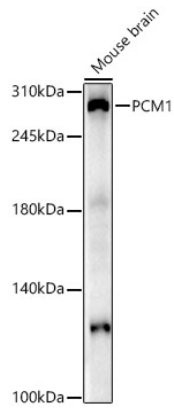
Affinity purification

Storage

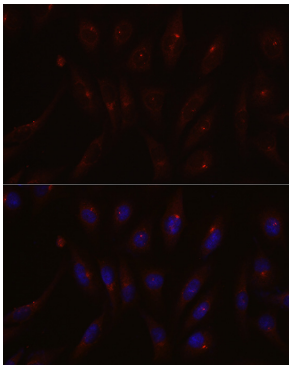
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Mouse brain, using PCM1 Rabbit pAb (A16637) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using PCM1 Rabbit pAb (A16637) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.