

For Research Use Only

POC5 Polyclonal antibody

Catalog Number: 22054-1-AP



Basic Information

Catalog Number:

22054-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17060

GenBank Accession Number:

BC101325

GeneID (NCBI):

134359

UNIPROT ID:

Q8NA72

Full Name:

chromosome 5 open reading frame 37

Calculated MW:

575 aa, 63 kDa

Observed MW:

60-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, MDA-MB-231 cells, U-251 cells

Background Information

POC5 (POC5 Centriolar Protein) is a conserved protein essential for the assembly and structural integrity of the centriole, a core component of the centrosome and cilia. Localized to the distal portion of the centriole, it plays a critical role in centriole elongation, stabilization, and the maintenance of its characteristic nine-fold symmetric microtubule arrangement. By ensuring accurate centriole duplication, POC5 contributes to proper mitotic spindle formation and faithful chromosome segregation during cell division.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

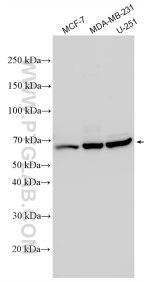
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22054-1-AP (POC5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.