

For Research Use Only

POC5 Polyclonal antibody, PBS Only

Catalog Number: 22054-1-PBS



Basic Information

Catalog Number:

22054-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

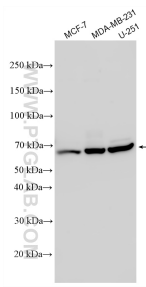
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 22054-1-PBS in a different storage buffer formulation.