

For Research Use Only

POC5 Polyclonal antibody

Catalog Number: 22054-1-AP



Basic Information

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| Catalog Number: 22054-1-AP | GenBank Accession Number: BC101325 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 450 ug/ml by Nanodrop; | GeneID (NCBI): 134359 | Recommended Dilutions: WB: 1:1000-1:8000 |
| Source: Rabbit | UNIPROT ID: Q8NA72 | |
| Isotype: IgG | Full Name: chromosome 5 open reading frame 37 | |
| Immunogen Catalog Number: AG17060 | Calculated MW: 575 aa, 63 kDa | |
| | Observed MW: 60-65 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : MCF-7 cells, MDA-MB-231 cells, U-251 cells |
| 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 -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

*** 20ul sizes contain 0.1% BSA

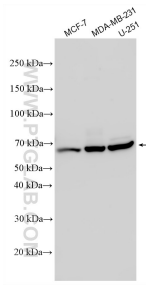
For technical support and original validation data for this product please contact:

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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.