

For Research Use Only

Cyclin G Polyclonal antibody

Catalog Number: 29306-1-AP



Basic Information

Catalog Number: 29306-1-AP	GenBank Accession Number: BC007093	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 900	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: cyclin G1	
Isotype: IgG	Calculated MW: 34 kDa	
Immunogen Catalog Number: AG30937	Observed MW: 34 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MDA-MB-231 cells, MDA-MB-453s cells, T-47D cells
Species Specificity: Human	

Background Information

Cyclin G is also named as CCNG, CYCG1 and CCNG1, and belongs to the cyclin family. Cyclin G may play a role in growth regulation. Cyclin G is associated with G2/M phase arrest in response to DNA damage. And it may be an intermediate by which p53 mediates its role as an inhibitor of cellular proliferation, and levels of Cyclin G are increased after induction of p53 by DNA damage (PMID:12015958). Cyclin G is high levels in skeletal muscle, ovary, kidney and colon. Cyclin G is very low levels in normal cells during G1 phase, which increase as cells enter the S phase and stay high throughout the S and G2/M phases. In breast cancer cells, consistent high levels of Cyclin G are found throughout the cell cycle (PMID:11063931).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

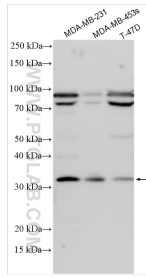
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29306-1-AP (Cyclin G antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.