

For Research Use Only

RTTN Polyclonal antibody

Catalog Number: 31232-1-AP



Basic Information

Catalog Number: 31232-1-AP	GenBank Accession Number: NM_173630	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 25914	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q86VV8	
Isotype: IgG	Full Name: rotatin	
Immunogen Catalog Number: AG34960	Calculated MW: 249 kDa	
	Observed MW: 246 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, Jurkat cells, PC-3 cells
Species Specificity: human	

Background Information

RTTN, also known as Rotatin, is an evolutionarily conserved protein that is associated with the centrosome and plays a crucial role in centriole biogenesis. It is found in many organisms and was initially identified in a mutant mouse that exhibited defects in axial rotation and left-right specification. RTTN is required for proper mitotic progression, the maintenance of spindle pole integrity, and correct spindle positioning. Loss of RTTN can lead to mitotic defects, including G2/M phase arrest and increased aneuploidy cells.

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

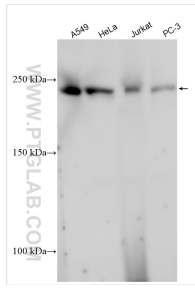
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31232-1-AP (RTN antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.