

For Research Use Only

# RTTN Polyclonal antibody, PBS Only

Catalog Number: 31232-1-PBS



## Basic Information

Catalog Number:

31232-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34960

GenBank Accession Number:

NM\_173630

GeneID (NCBI):

25914

UNIPROT ID:

Q86VV8

Full Name:

rotatin

Calculated MW:

249 kDa

Observed MW:

246 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, Indirect ELISA

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  $-80^{\circ}\text{C}$ .

**The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$**

Storage Buffer:

PBS Only

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

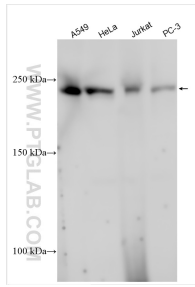
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 31232-1-PBS in a different storage buffer formulation.