

For Research Use Only

# SPATA5 Polyclonal antibody

Catalog Number: 32104-1-AP



## Basic Information

Catalog Number:

32104-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36838

GenBank Accession Number:

BC048217

GeneID (NCBI):

166378

UNIPROT ID:

Q8NB90

Full Name:

spermatogenesis associated 5

Calculated MW:

97, 86, 75 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : RT-4 cells, HEK-293T cells, U-251 cells

## Background Information

AAA+ ATPases SPATA5 is an ATP-dependent chaperone part of the 55LCC heterohexameric ATPase complex which is chromatin-associated and promotes replisome proteostasis to maintain replication fork progression and genome stability (PubMed:38554706). SPATA5 plays an essential role in the cytoplasmic maturation steps of pre-60S ribosomal particles by promoting the release of shuttling protein RSL24D1/RLP24 from the pre-ribosomal particles (PubMed:35354024, PubMed:38554706).

## 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

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

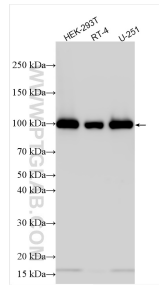
T: 4006900926

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 32104-1-AP (SPATA5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.