

For Research Use Only

SPATA5 Polyclonal antibody

Catalog Number: 32104-1-AP



Basic Information

Catalog Number: 32104-1-AP	GenBank Accession Number: BC048217	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 166378	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	UNIPROT ID: Q8NB90	
Isotype: IgG	Full Name: spermatogenesis associated 5	
Immunogen Catalog Number: AG36838	Calculated MW: 97, 86, 75 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : RT-4 cells, HEK-293T cells, U-251 cells
Species Specificity: human	

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

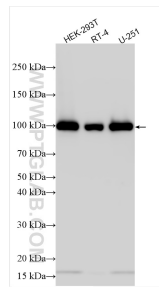
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.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.