

For Research Use Only

SPATA5L1 Polyclonal antibody

Catalog Number: 18414-1-AP



Basic Information

Catalog Number: 18414-1-AP	GenBank Accession Number: BC000981	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 79029	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9BVQ7	
Isotype: IgG	Full Name: spermatogenesis associated 5-like 1	
Immunogen Catalog Number: AG13269	Calculated MW: 81 kDa	
	Observed MW: 81 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : MCF-7 cells, HeLa cells, Jurkat cells, K-562 cells
Species Specificity: human	

Background Information

SPATA5L1 (Spermatogenesis-associated protein 5-like protein 1) belongs to the AAA+ATPase protein superfamily. A full-length SPATA5L1 transcript and a short SPATA5L1 variant can be produced in human by alternative splicing. Bi-allelic SPATA5L1 variants lead to a human disease characterized by sensorineural hearing loss with or without a nonprogressive mixed neurodevelopmental phenotype. And immunofluorescence analysis in rat hippocampal neurons demonstrated that SPATA5L1 was located in neuronal and glial cell nuclei, with more prominent expression in neurons (PubMed:34626583). SPATA5L1 also has 3 isoforms.

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:

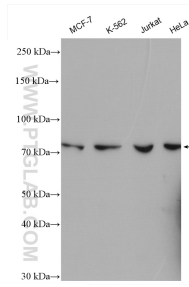
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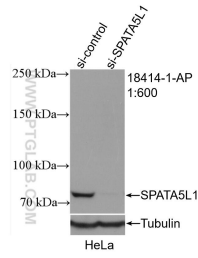
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18414-1-AP (SPATA5L1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



WB result of SPATA5L1 antibody (18414-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-SPATA5L1 transfected HeLa cells.