

SPATA5L1 Polyclonal antibody

Catalog Number: 18414-1-AP

Basic Information

Catalog Number:

18414-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13269

GenBank Accession Number:

BC000981

GeneID (NCBI):

79029

UNIPROT ID:

Q9BVQ7

Full Name:

spermatogenesis associated 5-like 1

Calculated MW:

81 kDa

Observed MW:

81 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells, HeLa cells, Jurkat cells, K-562 cells

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. Biallelic 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:

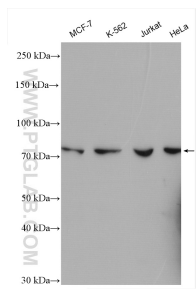
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

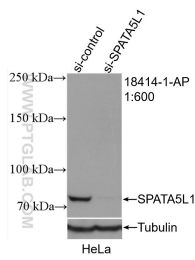
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.