

For Research Use Only

SPATS2 Polyclonal antibody

Catalog Number: 32517-1-AP



Basic Information

Catalog Number:

32517-1-AP

Concentration:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38507

GenBank Accession Number:

NM_001293285.1

GeneID (NCBI):

65244

UNIPROT ID:

Q86XZ4

Full Name:

spermatogenesis associated, serine-rich 2

Calculated MW:

60kDa, 545aa

Observed MW:

70 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, HeLa cells, Jurkat cells

IP : HeLa cells,

Background Information

SPATS2, also known as SCR59 and SPATA10, is a member of the RNA-binding proteins whose aberrant expression is associated with carcinogenesis in several types of cancer. It is mainly expressed in the adult testis, with low expression in liver and other tissues (PMID: 33037180). The apparent molecular weight is higher than the calculated molecular weight of 60 kDa, probably due to post-translational modification, probably by phosphorylation.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

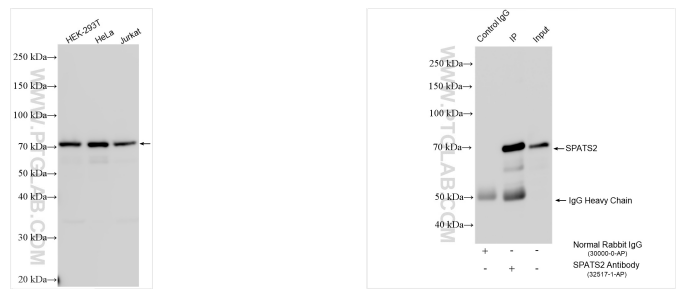
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Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 32517-1-AP (SPATS2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

IP result of anti-SPATS2 (IP:32517-1-AP, 4ug; Detection:32517-1-AP 1:5000) with HeLa cells lysate 1400 ug.