

For Research Use Only

# SPATS2 Polyclonal antibody, PBS Only

Catalog Number: 32517-1-PBS



## Basic Information

Catalog Number:

32517-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

Storage Buffer:

PBS only, pH7.3

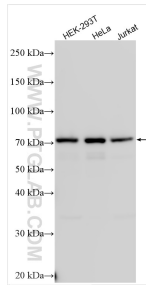
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

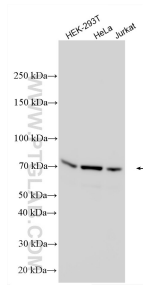
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

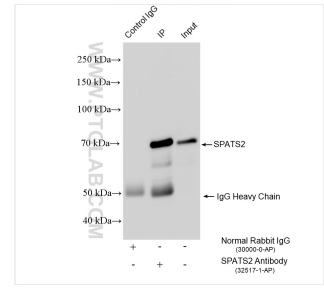
## Selected Validation Data



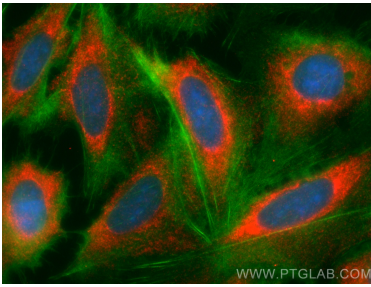
HEK-293T cells were subjected to SDS PAGE followed by western blot with 32517-1-AP (SPATS2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32517-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 32517-1-AP (SPATS2 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32517-1-PBS in a different storage buffer formulation.



IP result of anti-SPATS2 (IP:32517-1-AP, 4ug; Detection:32517-1-AP 1:5000) with HeLa cells lysate 1400 ug. This data was developed using the same antibody clone with 32517-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using SPATS2 antibody (32517-1-AP) at dilution of 1:200 and CoraLite@594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-Phalloidin (green). This data was developed using the same antibody clone with 32517-1-PBS in a different storage buffer formulation.