

For Research Use Only

# SPATS2L Polyclonal antibody

Catalog Number: 16938-1-AP

Featured Product

4 Publications



## Basic Information

Catalog Number:

16938-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10438

GenBank Accession Number:

BC018736

GeneID (NCBI):

26010

UNIPROT ID:

Q9NUQ6

Full Name:

viral DNA polymerase-transactivated protein 6

Calculated MW:

488 aa, 54 kDa

Observed MW:

54-62 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HepG2 cells, mouse kidney tissue

IHC : human kidney tissue, human heart tissue, human liver tissue, human lung tissue, human ovary tissue, human placenta tissue, human skin tissue, human spleen tissue, human testis tissue

IF/ICC : Saos-2 cells, HepG2 cells

## Background Information

SPATS2L encodes spermatogenesis associated and serine-rich 2-like protein, also named DNAPT6 (DNA polymerase transactivated protein 6) in human (PMID:11230166). SPATS2L acts as an important regulator of  $\beta$  2-adrenergic receptor down-regulation (PubMed: 25562107). MiR-1269a down-regulates the expression of SPATS2L and LRP6, thereby inhibiting the proliferation of liver cancer cells (PMID: 28081866, PMID:35252180). SPATS2L has several isoforms by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yosuke Matsumoto	35896560	Sci Rep	IHC, WB
Zewei Tu	33634092	Front Cell Dev Biol	WB
Sefan Asamitsu	36827365	Sci Adv	IF

## 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:

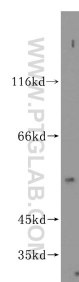
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

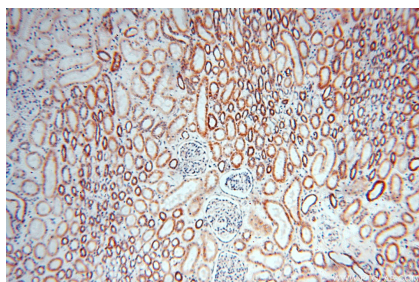
W: [ptgcn.com](http://ptgcn.com)

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

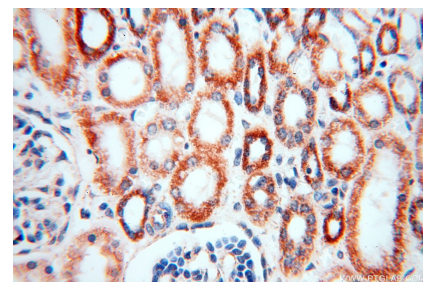
## Selected Validation Data



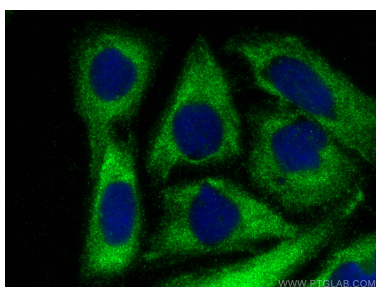
HepG2 cells were subjected to SDS PAGE followed by western blot with 16938-1-AP (SPATS2L antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 16938-1-AP (SPATS2L antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 16938-1-AP (SPATS2L antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed Saos-2 cells using SPATS2L antibody (16938-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).