

For Research Use Only

# SPATS2L Polyclonal antibody

Catalog Number: 29930-1-AP



## Basic Information

<b>Catalog Number:</b> 29930-1-AP	<b>GenBank Accession Number:</b> BC018736	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26010	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NUQ6	IHC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> viral DNA polymerase-transactivated protein 6	IF/ICC 1:50-1:500
<b>Immunogen Catalog Number:</b> AG31157	<b>Calculated MW:</b> 488 aa, 54 kDa	
	<b>Observed MW:</b> 54-65 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat	<b>WB :</b> A549 cells, HepG2 cells, mouse kidney tissue, rat kidney tissue
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human lung cancer tissue, human placenta tissue
	<b>IF/ICC :</b> 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.

## Storage

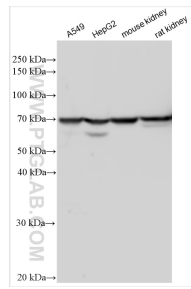
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

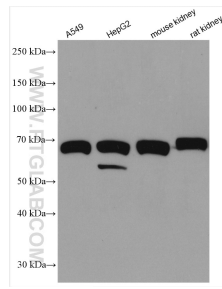
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

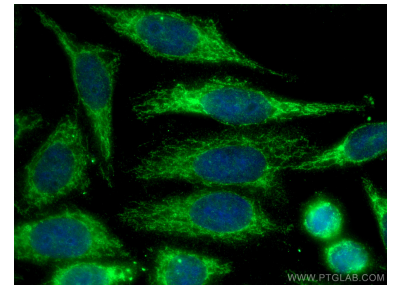
## Selected Validation Data



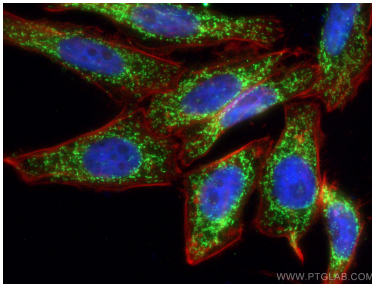
Various lysates were subjected to SDS PAGE followed by western blot with 29930-1-AP (SPATS2L antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



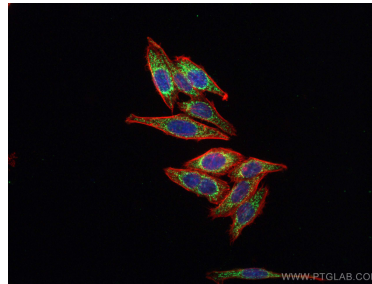
Various lysates were subjected to SDS PAGE followed by western blot with 29930-1-AP (SPATS2L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



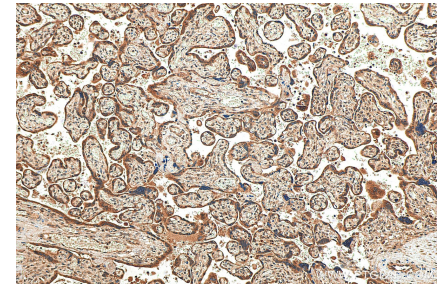
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SPATS2L antibody (29930-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



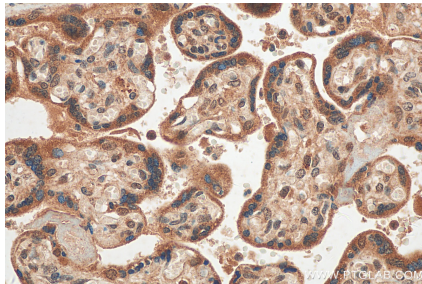
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SPATS2L antibody (29930-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



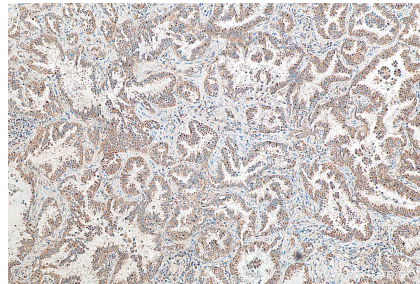
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SPATS2L antibody (29930-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



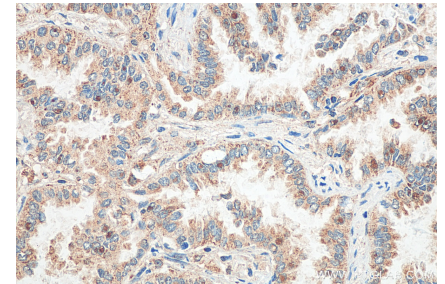
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 29930-1-AP (SPATS2L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 29930-1-AP (SPATS2L antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29930-1-AP (SPATS2L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29930-1-AP (SPATS2L antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).