

For Research Use Only

SPATS2L Polyclonal antibody

Catalog Number: 29930-1-AP



Basic Information

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

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

Human, mouse, rat

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 : A549 cells, HepG2 cells, mouse kidney tissue, rat kidney tissue

IHC : human lung cancer tissue, human placenta tissue

IF : HepG2 cells,

Background Information

SPATS2L encodes spermatogenesis associated and serine-rich 2-like protein, also named DNAPTP6 (DNA polymerase transactivated protein 6) in human (PMID:11230166). SPATS2L acts as an important regulator of β 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

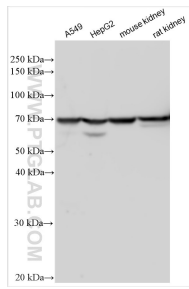
For technical support and original validation data for this product please contact:

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

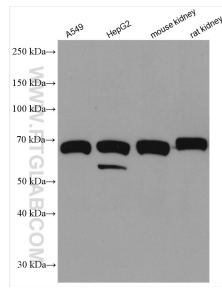
E: proteintech@ptglab.com
W: ptglab.com

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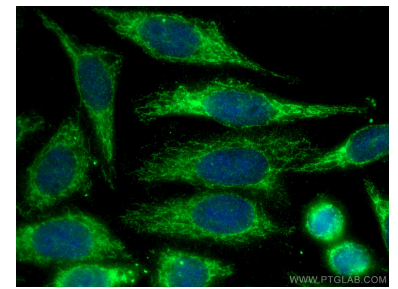
Selected Validation Data



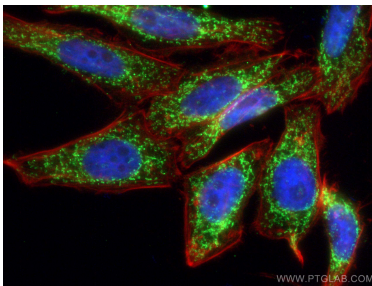
Various lysates were subjected to SDS PAGE followed by western blot with 29930-1-AP (SPATS2L antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



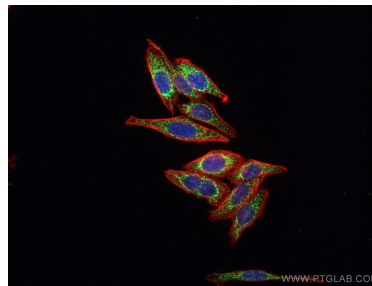
Various lysates were subjected to SDS PAGE followed by western blot with 29930-1-AP (SPATS2L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



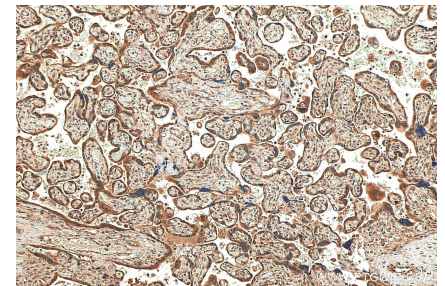
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SPATS2L antibody (29930-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



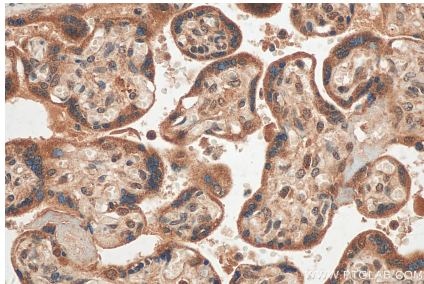
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SPATS2L antibody (29930-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



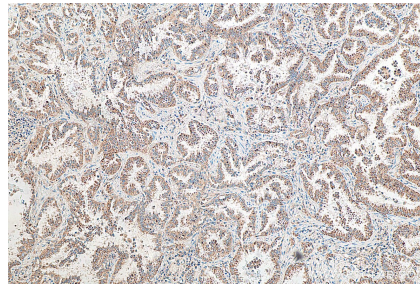
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SPATS2L antibody (29930-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



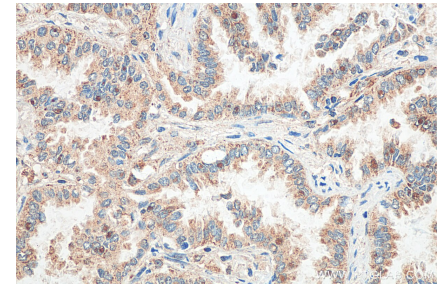
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 29930-1-AP (SPATS2L antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).