

For Research Use Only

LSM14A Polyclonal antibody

Catalog Number: 18336-1-AP **6 Publications**



Basic Information

Catalog Number: 18336-1-AP	GenBank Accession Number: BC016842	Purification Method: Antigen affinity purification
Size: 240 µg/ml	GeneID (NCBI): 26065	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q8ND56	IHC 1:20-1:200
Isotype: IgG	Full Name: LSM14A, SCD6 homolog A (S. cerevisiae)	IF 1:20-1:200
Immunogen Catalog Number: AG12997	Calculated MW: 463 aa, 51 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IF/ICC, IHC, ELISA	Positive Controls: WB : A549 cells, HeLa cells, PC-3 cells, HEK-293T cells, HepG2 cells, Jurkat cells
Cited Applications: WB, IF	IHC : human testis tissue,
Species Specificity: human	IF : HepG2 cells,
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

Background Information

LSm14A was originally discovered to be a component of the P-bodies, it is a member of the LSm family of proteins, which have been shown to be involved in RNA processing events. The N terminus of LSm14A is a conserved LSm domain, whereas the C terminus contains two domains called "DFDF box" and "FDF_TFG box", respectively.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Man Liu	34766549	Elife	WB,IF
Nina Ripin	38536035	J Cell Biol	IF,WB
Liang Fang	38190710	Cancer Res	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:

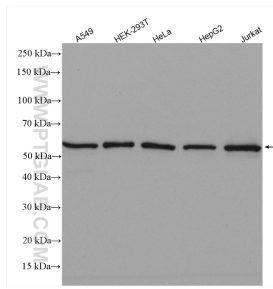
T: 4006900926

E: Proteintech-CN@ptglab.com

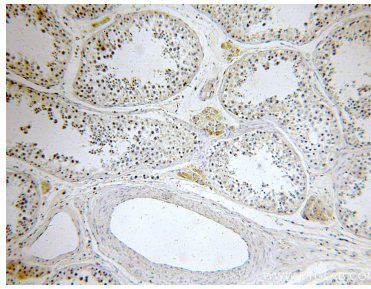
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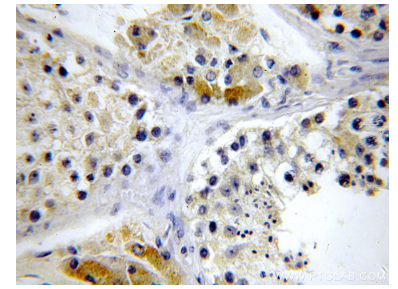
Selected Validation Data



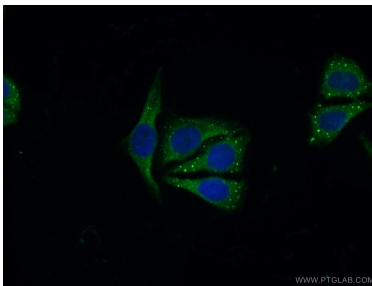
Various lysates were subjected to SDS PAGE followed by western blot with 18336-1-AP (LSM14A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 18336-1-AP (LSM14A antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 18336-1-AP (LSM14A antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 18336-1-AP (LSM14A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).