

For Research Use Only

# PUS1 Polyclonal antibody

Catalog Number: 11512-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

11512-1-AP

### Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2071

### GenBank Accession Number:

BC019320

### GeneID (NCBI):

80324

### UNIPROT ID:

Q9Y606

### Full Name:

pseudouridylate synthase 1

### Calculated MW:

427 aa, 47 kDa

### Observed MW:

47 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:250-1:1000

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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 : mouse lung tissue, HEK-293 cells, HeLa cells

IHC : human ovary tumor tissue,

IF/ICC : MCF-7 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Cecilia Martinez Campos	34376564	RNA	WB
Haiqi Xu	39349603	Nat Methods	WB
Chenlu Lan	37091827	Pharmgenomics Pers Med	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

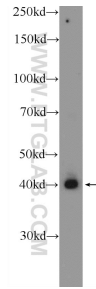
For technical support and original validation data for this product please contact:

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

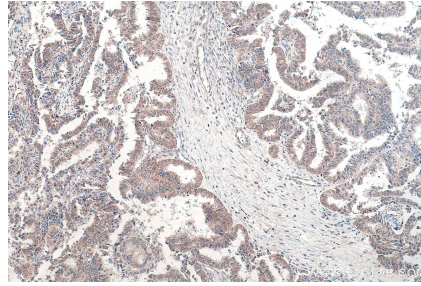
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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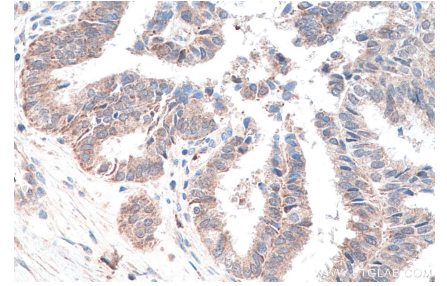
## Selected Validation Data



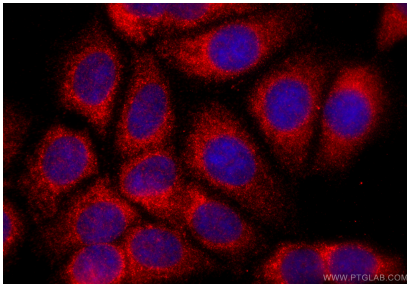
mouse lung tissue were subjected to SDS PAGE followed by western blot with 11512-1-AP (PUS1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11512-1-AP (PUS1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11512-1-AP (PUS1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using PUS1 antibody (11512-1-AP) at dilution of 1:400 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).