

For Research Use Only

# SPATA19 Polyclonal antibody

Catalog Number: 16656-1-AP

2 Publications



## Basic Information

### Catalog Number:

16656-1-AP

### Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10108

### GenBank Accession Number:

BC058039

### GeneID (NCBI):

219938

### UNIPROT ID:

Q7Z5L4

### Full Name:

spermatogenesis associated 19

### Calculated MW:

167 aa, 19 kDa

### Observed MW:

19 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF-P 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF-P, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

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** : human testis tissue, mouse testis tissue, rat testis tissue

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

**IF-P** : mouse testis tissue,

## Notable Publications

| Author      | Pubmed ID | Journal     | Application |
|-------------|-----------|-------------|-------------|
| Xiaoli Wang | 33674260  | Development | WB,IF       |
|             | 34437685  | Development | WB,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

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

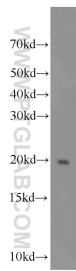
For technical support and original validation data for this product please contact:

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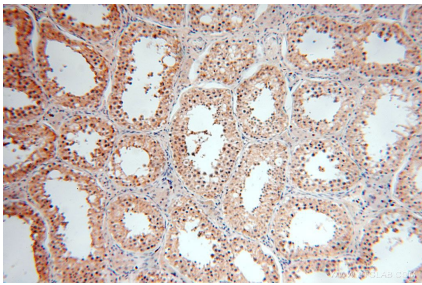
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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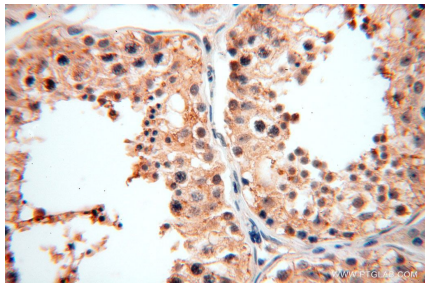
Selected Validation Data



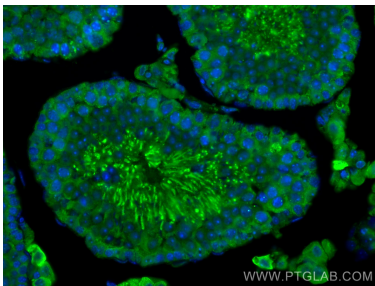
human testis tissue were subjected to SDS PAGE followed by western blot with 16656-1-AP (SPATA19 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



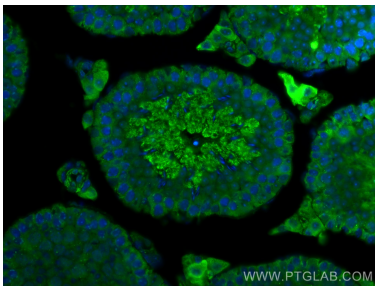
Immunohistochemical analysis of paraffin-embedded human testis using 16656-1-AP (SPATA19 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 16656-1-AP (SPATA19 antibody) at dilution of 1:100 (under 40x lens).



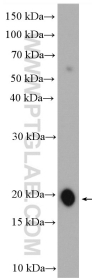
Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using SPATA19 antibody (16656-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using SPATA19 antibody (16656-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 16656-1-AP (SPATA19 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 16656-1-AP (SPATA19 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.