

For Research Use Only

# SPATA19 Polyclonal antibody

Catalog Number: 16656-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 16656-1-AP	<b>GenBank Accession Number:</b> BC058039	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 240 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 219938	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> spermatogenesis associated 19	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 167 aa, 19 kDa	
<b>Immunogen Catalog Number:</b> AG10108	<b>Observed MW:</b> 19 kDa	

## Applications

### Tested Applications:

IF, IHC, WB, ELISA

### Cited Applications:

IF, WB

### 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 :** mouse testis tissue,

## Background Information

### 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**

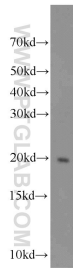
For technical support and original validation data for this product please contact:

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

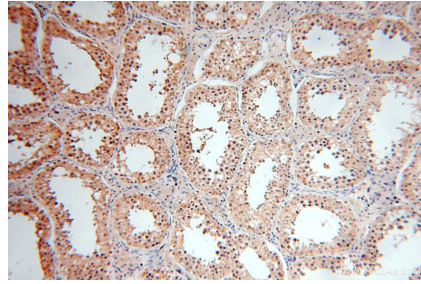
E: proteintech@ptglab.com  
W: ptglab.com

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

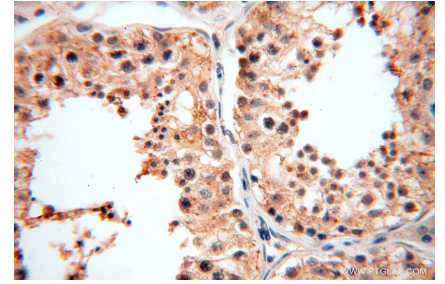
## Selected Validation Data



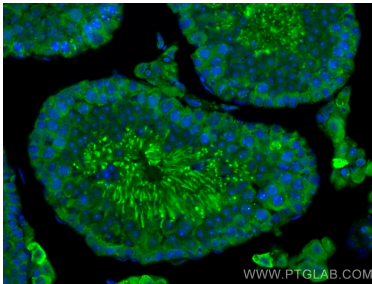
human testis tissue were subjected to SDS PAGE followed by western blot with 16656-1-AP (SPATA19 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



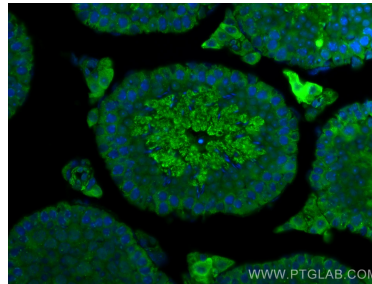
Immunohistochemical analysis of paraffin-embedded human testis using 16656-1-AP (SPATA19 antibody) at dilution of 1:100 (under 10x lens).



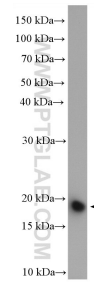
Immunohistochemical analysis of paraffin-embedded human testis using 16656-1-AP (SPATA19 antibody) at dilution of 1:100 (under 40x lens).



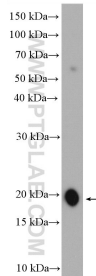
Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using SPATA19 antibody (16656-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using SPATA19 antibody (16656-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure 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.