

For Research Use Only

# SPATA6 Polyclonal antibody

Catalog Number: 11849-1-AP

5 Publications



## Basic Information

### Catalog Number:

11849-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2413

### GenBank Accession Number:

BC020660

### GeneID (NCBI):

54558

### UNIPROT ID:

Q9NWH7

### Full Name:

spermatogenesis associated 6

### Calculated MW:

472 aa, 54 kDa

### Observed MW:

54-56 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF, ColP

### Species Specificity:

human, mouse, rat

### 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**

### Positive Controls:

WB : mouse testis tissue, mouse ovary tissue

IP : mouse testis tissue,

IHC : human testis tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiang Wang	36415156	Clin Genet	WB,IF,ColP
Jie Xie	32142724	Toxicol Appl Pharmacol	WB
Xiaodan Li	33667862	Theriogenology	IHC, IF, 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

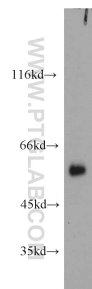
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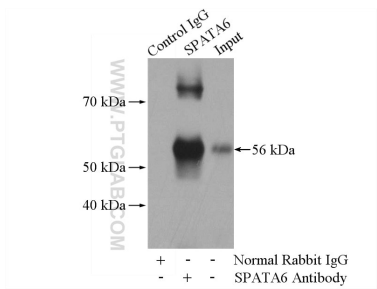
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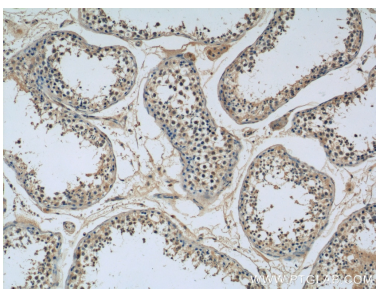
Selected Validation Data



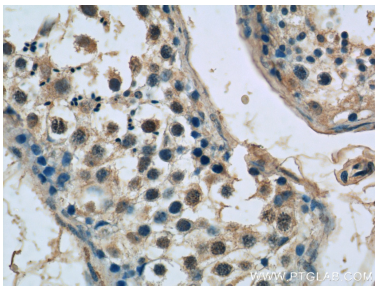
mouse testis tissue were subjected to SDS PAGE followed by western blot with 11849-1-AP (SPATA6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-SPATA6 (IP:11849-1-AP, 4ug; Detection:11849-1-AP 1:800) with mouse testis tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 11849-1-AP (SPATA6 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 11849-1-AP (SPATA6 Antibody) at dilution of 1:50 (under 40x lens).