

For Research Use Only

# SPAG4L Polyclonal antibody

Catalog Number: 17495-1-AP

Featured Product

18 Publications



## Basic Information

### Catalog Number:

17495-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11629

### GenBank Accession Number:

BC026118

### GeneID (NCBI):

140732

### UNIPROT ID:

Q8TC36

### Full Name:

sperm associated antigen 4-like

### Calculated MW:

379 aa, 43 kDa

### Observed MW:

43 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse

### Cited Species:

human, mouse

### Positive Controls:

WB : PC-3 cells,

IF/ICC : PC-3 cells,

## Background Information

SPAG4L, also named as SUN domain-containing protein 5 or Testis and spermatogenesis-related gene 4 protein, is a 379 amino acid protein, which contains 1 SUN domain. SPAG4L is widely expressed and localizes in the nucleus inner membrane. SPAG4L is restricted to the apical nuclear region of round spermatids that face the acrosomic vesicle. SPAG4L is involved in linkage of the acrosomic vesicle to the spermatid nucleus, and in acrosome biogenesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yongliang Shang	28945193	Elife	WB, IF
Xiaoyue Song	36358787	Cancers (Basel)	WB, IF
Yan-Wei Sha	30298696	Clin Genet	IF

## 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

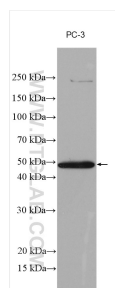
For technical support and original validation data for this product please contact:

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

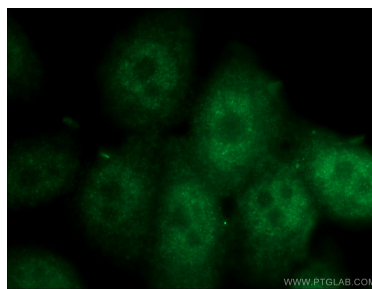
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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 17495-1-AP (SPAG4L antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed PC-3 cells using 17495-1-AP (SPAG4L antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).