

For Research Use Only

# SPAG4L Polyclonal antibody

Catalog Number:17495-1-AP

Featured Product

17 Publications



## Basic Information

Catalog Number:

17495-1-AP

Size:

400 µg/ml

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

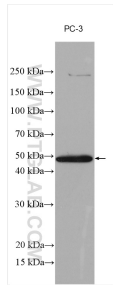
T: 4006900926

E: Proteintech-CN@ptglab.com

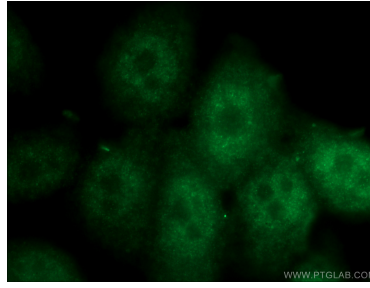
W: ptgcn.com

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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).