

For Research Use Only

# CoraLite®594-conjugated SPAG4L Polyclonal antibody



Catalog Number: CL594-17495

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-17495	<b>GenBank Accession Number:</b> BC026118	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 140732	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> sperm associated antigen 4-like	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 379 aa, 43 kDa	
<b>Immunogen Catalog Number:</b> AG11629	<b>Observed MW:</b> 43 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse

## 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.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

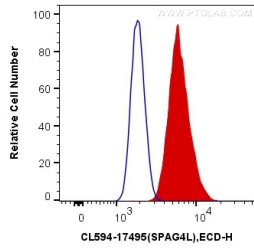
Aliquoting is unnecessary for -20°C storage

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

## Selected Validation Data



1X10<sup>6</sup> PC-3 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human SPAG4L (CL594-17495) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).