

For Research Use Only

# CoraLite®594-conjugated SPATA22 Polyclonal antibody



Catalog Number:CL594-16989

## Basic Information

<b>Catalog Number:</b> CL594-16989	<b>GenBank Accession Number:</b> BC029483	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84690	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> spermatogenesis associated 22	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 363 aa, 41 kDa	
<b>Immunogen Catalog Number:</b> AG10591		

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : mouse testis tissue,
<b>Species Specificity:</b> human, mouse	

## Background Information

Spata22 (NYD-SP20), a novel vertebrate-specific gene, is required for meiotic progress in mouse germ cells. It is essential for one or more key events of early meiotic prophase, as homologous chromosomes of mutant germ cells do not achieve normal synapsis or repair meiotic DNA double-strand breaks. This antibody is CL594(Ex/Em 593 nm/614 nm) conjugated.

## Storage

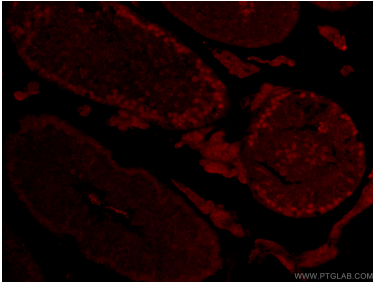
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
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



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using CL594-16989 (SPATA22 antibody) at dilution of 1:50.