

For Research Use Only

# CoraLite®594-conjugated CSPP1 Polyclonal antibody



Catalog Number:CL594-11931

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-11931	<b>GenBank Accession Number:</b> BC029445	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79848	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> centrosome and spindle pole associated protein 1	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 141 kDa	
<b>Immunogen Catalog Number:</b> AG2521	<b>Observed MW:</b> 141 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

CSPP1 interacts with centrosomes and microtubules and plays a role in cell-cycle progression and spindle organization. CSPP1 is required for their common C-terminal domain to interact with Nephrocystin 8 (NPHP8/RPGRIPL1) and to form a ternary complex with NPHP8 and NPHP4, and for ciliogenesis in hTERT-RPE1 cells in vitro and are expressed in ciliated renal, retinal, and respiratory cells in vivo

## Storage

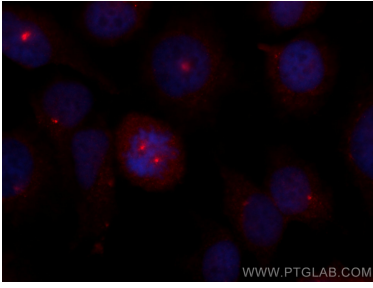
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594 CSPP1 antibody (CL594-11931) at dilution of 1:200.