

For Research Use Only

# CoraLite®594-conjugated CEP250/CNAP1 Polyclonal antibody



Catalog Number:CL594-14498

## Basic Information

<b>Catalog Number:</b> CL594-14498	<b>GenBank Accession Number:</b> BC001433	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11190	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> centrosomal protein 250kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 281 kDa	
<b>Immunogen Catalog Number:</b> AG5925		

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HeLa cells, MCF-7 cells
<b>Species Specificity:</b> human	

## Background Information

CEP250, also known as C-Nap1, is a 250 kDa coiled-coil protein that localizes to the proximal ends of mother and daughter centrioles. It is required for centriole-centriole cohesion during interphase of the cell cycle. It dissociates from the centrosomes when parental centrioles separate at the beginning of mitosis. The protein associates with and is phosphorylated by NIMA-related kinase 2, which is also associated with the centrosome.

## Storage

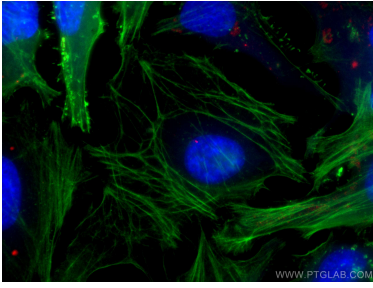
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

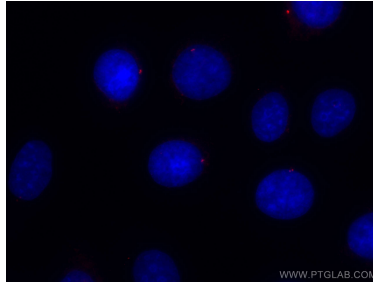
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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 (-20°C Methanol) fixed HeLa cells using CoraLite®594 CEP250/CNAP1 antibody (CL594-14498) at dilution of 1:100, CoraLite®488 Beta Actin antibody (CL488-66009, Clone: 2D4H5, green).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using CoraLite®594 CEP250/CNAP1 antibody (CL594-14498) at dilution of 1:100.