

For Research Use Only

# CoraLite®594-conjugated CKAP4 Polyclonal antibody



Catalog Number:CL594-16686

## Basic Information

<b>Catalog Number:</b> CL594-16686	<b>GenBank Accession Number:</b> BC082972	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 10970	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q07065	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> cytoskeleton-associated protein 4	
<b>Immunogen Catalog Number:</b> AG10019	<b>Calculated MW:</b> 602 aa, 66 kDa	
	<b>Observed MW:</b> 63 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra), IF/ICC	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

CKAP4, also named as Climp-63, is a 63 kDa cytoskeleton-linking membrane protein. It is the partner of triadin. CKAP4 is responsible for this association of triads and microtubules.

## 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

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

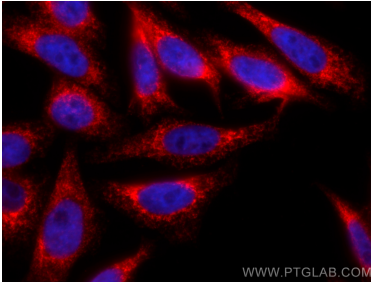
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

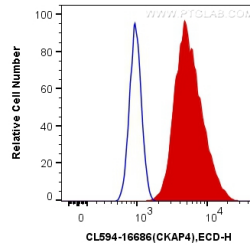
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 CKAP4 antibody (CL594-16686) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human CKAP4 (CL594-16686) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).