

For Research Use Only

# CoraLite®594-conjugated GORASP2 Polyclonal antibody



Catalog Number:CL594-10598

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-10598	<b>GenBank Accession Number:</b> BC007770	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26003	<b>Recommended Dilutions:</b> IF 1:300-1:1200
<b>Source:</b> Rabbit	<b>Full Name:</b> golgi reassembly stacking protein 2, 55kDa	<b>Excitation/Emission maxima wavelengths:</b> 594 nm / 615 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 55 kDa	
<b>Immunogen Catalog Number:</b> AG0950	<b>Observed MW:</b> 59 kDa	

## Applications

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

## Background Information

GORASP2 (Golgi reassembly-stacking protein 2, or GRS2) has multiple phosphorylation sites and can be phosphorylated by MKK/ERK pathway during mitosis. GORASP2 plays a role in the assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. GORASP2 is supposed to regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA.

## Storage

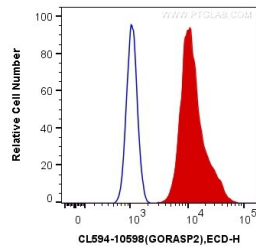
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

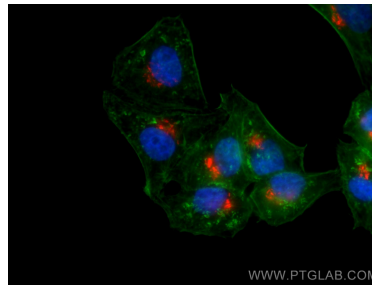
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human GORASP2 (CL594-10598) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594 GORASP2 antibody (CL594-10598) at dilution of 1:600, CL488-Phalloidin (green).