

For Research Use Only

# GMAP-210 Polyclonal antibody

Catalog Number: 26456-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 26456-1-AP	<b>GenBank Accession Number:</b> BC002656	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 700 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9321	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> thyroid hormone receptor interactor 11	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1979 aa, 228 kDa	
<b>Immunogen Catalog Number:</b> AG13867	<b>Observed MW:</b> 230 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HL-60 cells IF : HeLa cells,
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	

## Background Information

Golgi microtubule-associated protein 210 (GMAP-210), also referred to as CEV14, Trip11 or Trip230, is a peripheral Golgi protein that localizes to the cis-Golgi network. GMAP-210 is a 1,978 amino acid coiled-coil member of the golgin family of proteins. Microtubule ends bind to GMAP-210 which functions to link the cis-Golgi network to the minus ends of centrosome-nucleated microtubules. This interaction may be essential for the proper morphology and structural maintenance of the Golgi apparatus. GMAP-210 also associates with thyroid hormone receptor. Overexpression of GMAP-210 disrupts the micro-tubule network and causes a significant enlargement and fragmentation of the Golgi apparatus; it also blocks anterograde and retrograde transport between the ER and the Golgi apparatus.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jennifer Y Liu	34533192	Biol Open	WB
Priyanka Upadhyai	34057271	Hum Mutat	WB,IF
Antoine Reynaud	35714773	J Biol Chem	IF

## Storage

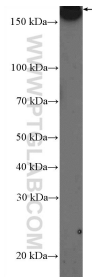
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

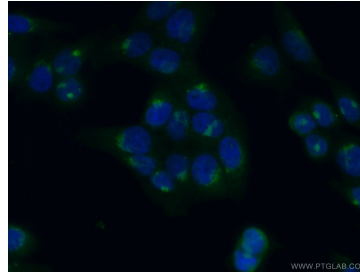
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

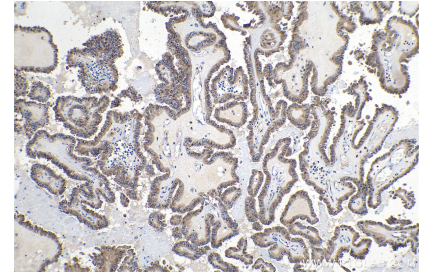
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 26456-1-AP (GMAP-210 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 26456-1-AP (GMAP-210 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 26456-1-AP (GMAP-210 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).