

GMAP-210 Rabbit pAb

CatalogNo: YN6439

| Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 218kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen Synthesized peptide derived from human GMAP-210

Specificity This antibody detects endogenous levels of GMAP-210 at Human

| Target Information

Gene name TRIP11 CEV14

Protein Name	Thyroid receptor-interacting protein 11 (TR-interacting protein 11) (TRIP-11) (Clonal evolution-related gene on chromosome 14 protein) (Golgi-associated microtubule-binding protein 210) (GMAP-210) (Trip230)		
	Organism	Gene ID	UniProt ID
	Human	9321 ;	Q15643 ;
Cellular Localization	Golgi apparatus, cis-Golgi network membrane ; Peripheral membrane protein . Cytoplasm, cytoskeleton . Endoplasmic reticulum-Golgi intermediate compartment membrane . Associates with the ends of centrosome-nucleated microtubules.		
Tissue specificity	Highly expressed in pancreas, muscle, heart, testis, peripheral blood leukocytes, and in several leukemia cell lines. Detected at intermediate levels in placenta and kidney, and at low levels in brain and lung. Isoform 1 and isoform 2 are expressed in articular chondrocytes (PubMed:30728324).		
Function	Is a membrane tether required for vesicle tethering to Golgi. Has an essential role in the maintenance of Golgi structure and function . It is required for efficient anterograde and retrograde trafficking in the early secretory pathway, functioning at both the ER-to-Golgi intermediate compartment (ERGIC) and Golgi complex . Binds the ligand binding domain of the thyroid receptor (THRB) in the presence of triiodothyronine and enhances THRB-modulated transcription.		

| Validation Data

| Contact information

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GMAP-210 Rabbit pAb

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