

For Research Use Only

Multi-rAb® TGN46 Multi-Recombinant antibody

Catalog Number: RMX00075



Basic Information

Catalog Number: RMX00075	GenBank Accession Number: BC028219	Purification Method: N/A
Source: Rabbit	GeneID (NCBI): 10618	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	UNIPROT ID: O43493	IHC: 1:250-1:1000 IF/ICC: 1:250-1:1000
	Full Name: trans-golgi network protein 2	
	Calculated MW: 447 aa, 47 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: A549 cells, HeLa cells, HepG2 cells

IHC: human liver tissue,

IF/ICC: HeLa cells,

Background Information

TGN46 (TGOLN2), the human homolog of rat Tgn38, is a transmembrane glycoprotein predominantly localized to the TGN (trans-Golgi network). TGN is a major secretory pathway sorting station for proteins and lipids. TGN46 may be involved in regulating membrane traffic to and from TGN. Alternatively, spliced transcript variants encode different TGN46 isoforms. TGN46 has an apparent molecular mass of 100-150 kDa, suggesting extensive O- and N-glycosylations.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.
Aliquoting is unnecessary for -20°C storage

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

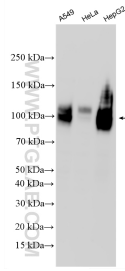
T: 4006900926

E: Proteintech-CN@ptglab.com

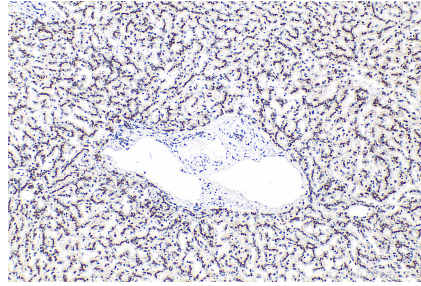
W: ptgcn.com

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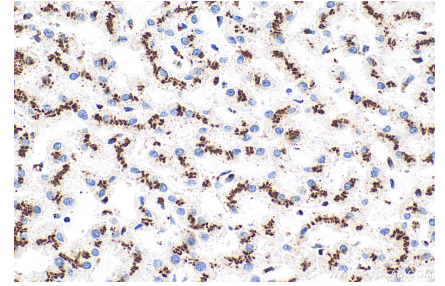
Selected Validation Data



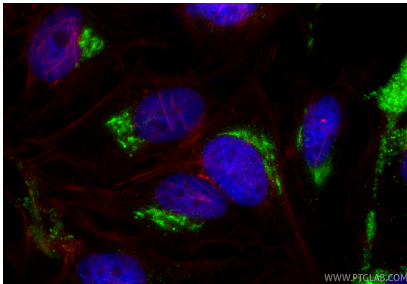
Various lysates were subjected to SDS PAGE followed by western blot with RMX00075 (TGN46 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using RMX00075 (TGN46 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using RMX00075 (TGN46 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TGN46 antibody (RMX00075) at dilution of 1:500 and CoralLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).