

For Research Use Only

CoraLite®594-conjugated TGN46 Polyclonal antibody



Catalog Number:CL594-13573

Basic Information

Catalog Number: CL594-13573	GenBank Accession Number: BC028219	Purification Method: Antigen affinity purification
Size: 1000 µg/ml	GeneID (NCBI): 10618	Recommended Dilutions: IF 1:400-1:1600
Source: Rabbit	UNIPROT ID: O43493	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG	Full Name: trans-golgi network protein 2	
Immunogen Catalog Number: AG4470	Calculated MW: 447 aa, 47 kDa	
	Observed MW: 90-100 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HeLa cells,
Species Specificity: human	

Background Information

TGN46 (TGOLN2), the human homologue 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. 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

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

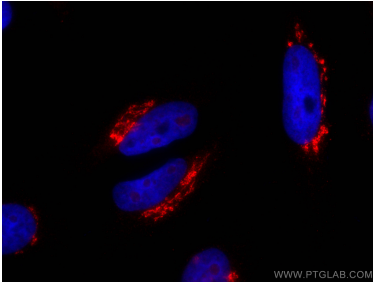
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite@594 TGN46 antibody (CL594-13573) at dilution of 1:800.