

For Research Use Only

TGOLN2,TGN46 Recombinant antibody



Catalog Number:83099-2-RR

Basic Information

Catalog Number: 83099-2-RR	GenBank Accession Number: BC028219	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10618	CloneNo.: 230376D6
Source: Rabbit	UNIPROT ID: O43493	Recommended Dilutions: WB 1:5000-1:50000
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:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : A549 cells, HeLa cells, PC-3 cells, PC-12 cells, human kidney tissue

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. 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

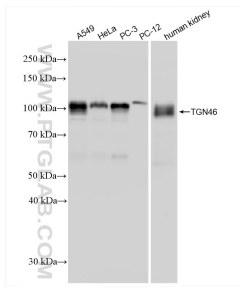
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83099-2-RR (TGOLN2,TGN46 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.