

# TGN46/TGOLN2 Rabbit mAb

Catalog No.: A19618 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

90-100kDa

### Calculated MW

46kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IF/ICC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC2197

## Background

This gene encodes a type I integral membrane protein that is localized to the trans-Golgi network, a major sorting station for secretory and membrane proteins. The encoded protein cycles between early endosomes and the trans-Golgi network, and may play a role in exocytic vesicle formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Recommended Dilutions

<b>WB</b>	1:1000 - 1:6000
<b>IHC-P</b>	1:100 - 1:1000
<b>IF/ICC</b>	1:100 - 1:400
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Contact

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## Immunogen Information

### Gene ID

10618

### Swiss Prot

O43493

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TGN46/TGOLN2 (O43493).

### Synonyms

TGN38; TGN46; TGN48; TGN51; TTN2; hTGN46; hTGN48; hTGN51; TGN46/TGOLN2

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

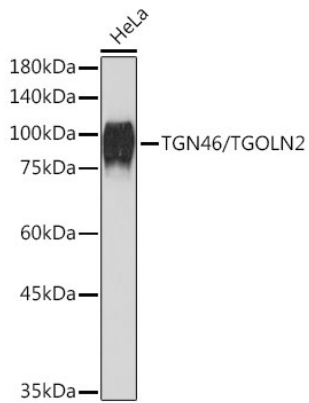
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from HeLa cells, using TGN46/TGOLN2 Rabbit mAb (A19618) at 1:1000 dilution.

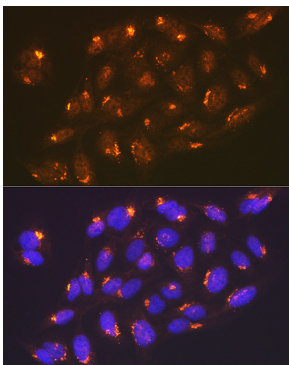
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

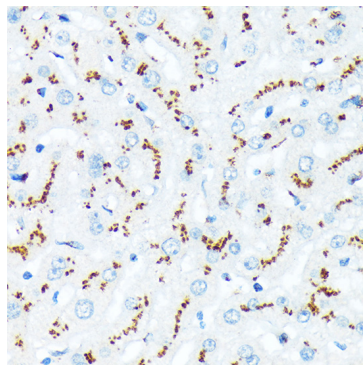
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunofluorescence analysis of U-2 OS cells using TGN46/TGOLN2 Rabbit mAb (A19618) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human liver using TGN46/TGOLN2 Rabbit mAb (A19618) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.