

**TGOLN2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8955b**

**Specification**

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**TGOLN2 Antibody (C-term) - Product Information**

Application	FC, WB,E
Primary Accession	<a href="#">O43493</a>
Other Accession	<a href="#">P19814</a> , <a href="#">Q62314</a> , <a href="#">Q62313</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45880
Antigen Region	399-427

**TGOLN2 Antibody (C-term) - Additional Information**

**Gene ID** 10618

**Other Names**

Trans-Golgi network integral membrane protein 2, TGN38 homolog, TGN46, TGN48, Trans-Golgi network protein TGN51, TGOLN2, TGN46, TGN51

**Target/Specificity**

This TGOLN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 399-427 amino acids from the C-terminal region of human TGOLN2.

**Dilution**

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TGOLN2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TGOLN2 Antibody (C-term) - Protein Information**

**Name** TGOLN2 ([HGNC:15450](#))

**Synonyms** TGN46, TGN51

**Function** May be involved in regulating membrane traffic to and from trans-Golgi network.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass type I membrane protein. Note=Primarily in trans-Golgi network. Cycles between the trans-Golgi network and the cell surface returning via endosomes

**Tissue Location**

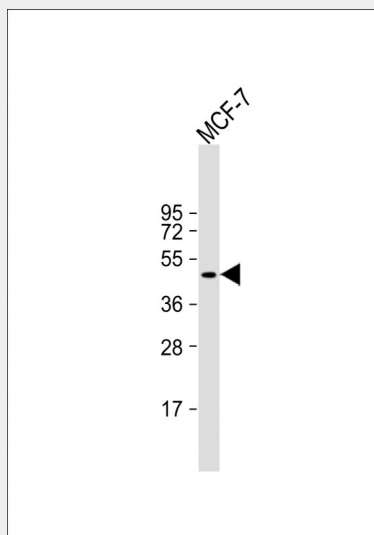
Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells

**TGOLN2 Antibody (C-term) - Protocols**

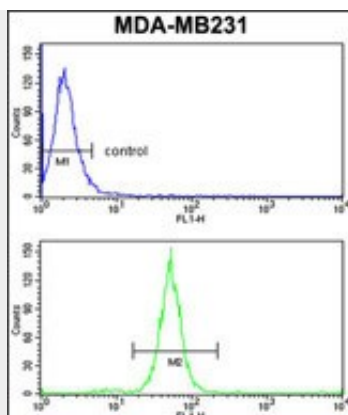
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TGOLN2 Antibody (C-term) - Images**



Anti-TGOLN2 Antibody (C-term) at 1:1000 dilution + MCF-7 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TGOLN2 Antibody (C-term) (Cat.#AP8955b) flow cytometry analysis of MDA-MB231 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **TGOLN2 Antibody (C-term) - Background**

TGOLN2 may be involved in regulating membrane traffic to and from trans-Golgi network.

#### **TGOLN2 Antibody (C-term) - References**

Wu,C., et.al., Proteomics 7 (11), 1775-1785 (2007)  
Honing,S., et.al., Mol. Cell 18 (5), 519-531 (2005)