

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

Specification

TGOLN2 Antibody (C-term) - Product Information

Application	FC, WB,E
Primary Accession	O43493
Other Accession	P19814 , Q62314 , Q62313
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

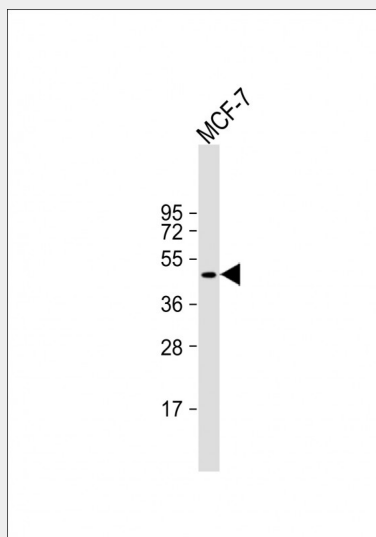
Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells

TGOLN2 Antibody (C-term) - Protocols

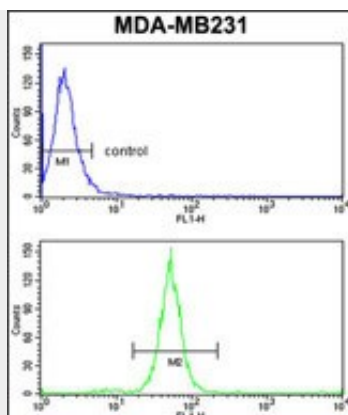
Provided below are standard protocols that you may find useful for product applications.

- [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)