10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TGOLN2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8955b

Specification

TGOLN2 Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q43493
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
WB~~1:1000
FC~~1:10~50

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

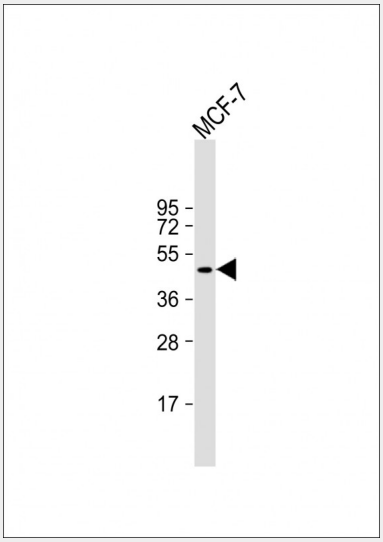
Tissue Location
Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells

TGOLN2 Antibody (C-term) - Protocols

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

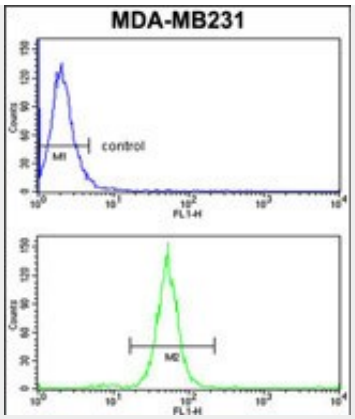
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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)