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TGOLN2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8955b

Product Information

Application	FC, WB, E
Primary Accession	O43493
Other Accession	P19814, Q62314, Q62313
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22596
Calculated MW	45880
Antigen Region	399-427

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.

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

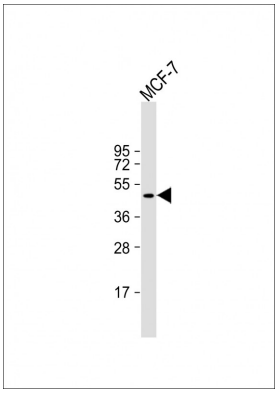
Background

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

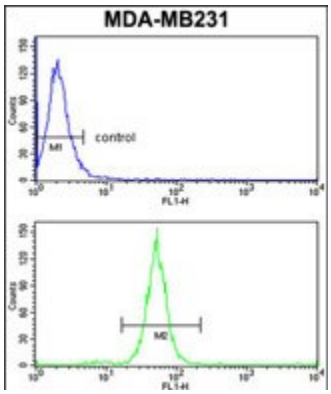
References

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.