

Anti-TGN46 Rabbit Monoclonal Antibody

Catalog # ABO13751

Product Information

Application	WB, IHC, IP
Primary Accession	O43493
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-TGN46 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP applications. This antibody reacts with Human.

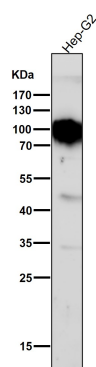
Additional Information

Gene ID	10618
Other Names	Trans-Golgi network integral membrane protein 2, Trans-Golgi network glycoprotein 46, TGN38 homolog, hTGN46, Trans-Golgi network glycoprotein 48, hTGN48, Trans-Golgi network glycoprotein 51, hTGN51, Trans-Golgi network protein 2 {ECO:0000312 HGNC:HGNC:15450}, TGOLN2 (HGNC:15450), TGN46, TGN51
Calculated MW	45880
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 IP 1:50
Subcellular Localization	Cell membrane; Single-pass type I membrane protein. Golgi apparatus, trans-Golgi network membrane; Single- pass type I membrane protein. Primarily in trans-Golgi network. Cycles between the trans-Golgi network and the cell surface returning via endosomes.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AOHO-20
Immunogen	A synthesized peptide derived from human TGN46
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

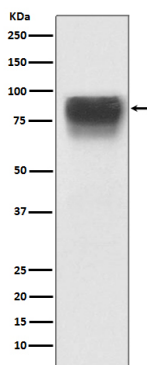
Protein Information

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

Images



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



Western blot analysis of TGN46 expression in HeLa cell lysate.

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