

**Anti-TGN46 Rabbit Monoclonal Antibody**  
**Catalog # ABO13751****Specification****Anti-TGN46 Rabbit Monoclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC, IP            |
| Primary Accession | <a href="#">O43493</a> |
| 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.

**Anti-TGN46 Rabbit Monoclonal Antibody - 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 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=15450](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=15450)), TGN46, TGN51

**Calculated MW**

51113 MW KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>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.

**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.

**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.

## Anti-TGN46 Rabbit Monoclonal Antibody - 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

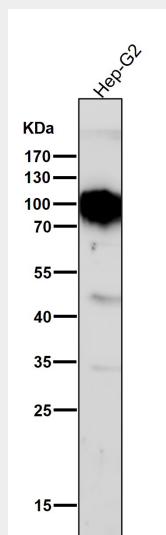
Isoform TGN46 is widely expressed. Isoform TGN51 is more abundant in fetal lung and kidney. Isoform TGN48 is barely expressed in embryonic kidney and promyelocytic cells

## Anti-TGN46 Rabbit Monoclonal Antibody - Protocols

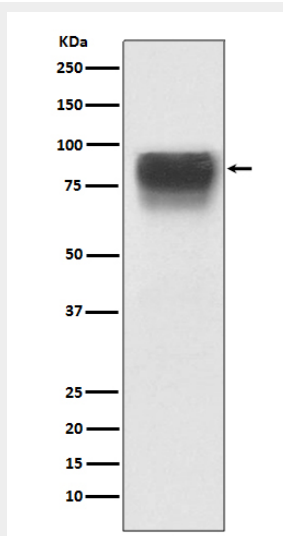
Provided below are standard protocols that you may find useful for product applications.

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

## Anti-TGN46 Rabbit Monoclonal Antibody - 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.