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# TGN46 Antibody

Rabbit mAb
Catalog # AP91118

## Product Information

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|---|---|
| **Application** | WB, IHC, IP |
| **Primary Accession** | O43493 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Other Names** | TGN38; TGN46; TGN48; TGN51; TGOLN2; TTGN2; |
| **Isotype** | Rabbit IgG |
| **Host** | Rabbit |
| **Calculated MW** | 45880 |

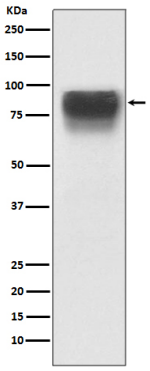
## Additional Information

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|---|---|
| **Dilution** | WB 1:500~1:2000 IHC 1:50~1:200 IP 1:50 |
| **Purification** | Affinity-chromatography |
| **Immunogen** | A synthesized peptide derived from human TGN46 |
| **Description** | May be involved in regulating membrane traffic to and from trans-Golgi network. |
| **Storage Condition and Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle. |

## Protein Information

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|---|---|
| **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




Western blot analysis of TGN46 expression in HeLa cell lysate.

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