

TGOLN2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8955b**Specification**

TGOLN2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O43493](#)**TGOLN2 Antibody (C-term) Blocking Peptide - 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

The synthetic peptide sequence used to generate the antibody [AP8955b](/products/AP8955b) was selected from the C-term region of human TGOLN2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TGOLN2 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TGOLN2 Antibody (C-term) Blocking Peptide - Images

TGOLN2 Antibody (C-term) Blocking Peptide - Background

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

TGOLN2 Antibody (C-term) Blocking Peptide - References

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