

T4S4 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP9749a**Specification**

T4S4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P48230](#)

T4S4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 7104

Other Names

Transmembrane 4 L6 family member 4, Intestine and liver tetraspan membrane protein, IL-TMP, TM4SF4, ILTMP

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.

T4S4 Antibody (N-term) Blocking Peptide - Protein Information

Name TM4SF4

Synonyms ILTMP

Function

Regulates the adhesive and proliferative status of intestinal epithelial cells. Can mediate density-dependent cell proliferation.

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Jejunum and liver.

T4S4 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

T4S4 Antibody (N-term) Blocking Peptide - Images

T4S4 Antibody (N-term) Blocking Peptide - Background

T4S4 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that can regulate cell proliferation. The use of alternate polyadenylation sites has been found for this gene.

T4S4 Antibody (N-term) Blocking Peptide - References

Qiao, J., et al. *Reprod. Biomed. Online* 17(3):425-435(2008) Berditchevski, F. J. *Cell. Sci.* 114 (PT 23), 4143-4151 (2001) Wright, M.D., et al. *Protein Sci.* 9(8):1594-1600(2000)