

**TM127 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5082a**

**Specification**

---

**TM127 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [O75204](#)

**TM127 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 55654

**Other Names**

Transmembrane protein 127, TMEM127

**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.

**TM127 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** TMEM127

**Function**

Controls cell proliferation acting as a negative regulator of TOR signaling pathway mediated by mTORC1. May act as a tumor suppressor.

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Cytoplasm. Note=Association of TMEM127 with the cell membrane is enhanced by inhibition of endocytosis. In the cytoplasm, it colocalizes with markers of early endosomal structures, Golgi apparatus and lysosomes.

**Tissue Location**

Widely expressed..

**TM127 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**TM127 Antibody (N-term) Blocking Peptide - Images****TM127 Antibody (N-term) Blocking Peptide - References**

Qin, Y., et al. Nat. Genet. 42(3):229-233(2010) Hillier, L.W., et al. Nature  
434(7034):724-731(2005) Loftus, B.J., et al. Genomics 60(3):295-308(1999)