

TM181 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12403a**Specification****TM181 Antibody (N-term) Blocking peptide -
Product Information**Primary Accession [Q9P2C4](#)**TM181 Antibody (N-term) Blocking peptide -
Additional Information**

Gene ID 57583

Other NamesTransmembrane protein 181, TMEM181,
GPR178, KIAA1423**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.**TM181 Antibody (N-term) Blocking peptide -
Protein Information**

Name TMEM181

Synonyms GPR178, KIAA1423

FunctionMediates action of cytolethal distending
toxins (CDT), which are secreted by many
pathogenic bacteria. Expression level of
TMEM181 is rate-limiting for intoxication.**Cellular Location**

Membrane; Multi-pass membrane protein

**TM181 Antibody (N-term) Blocking
peptide - Background**The TMEM181 gene encodes a putative G
protein-coupled receptor expressed on the cell
surface (Carette et al., 2009[PubMed
19965467]; Wollscheid et al., 2009
[PubMed19349973]).**TM181 Antibody (N-term) Blocking
peptide - References**Carette, J.E., et al. Science
326(5957):1231-1235(2009)Wollscheid, B., et
al. Nat. Biotechnol. 27(4):378-386(2009)Olsen,
J.V., et al. Cell 127(3):635-648(2006)Wistrand,
M., et al. Protein Sci.
15(3):509-521(2006)Cheng, J., et al. Science
308(5725):1149-1154(2005)

TM181 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)