10320 Camino Santa Fe, Suite G
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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 Names
Transmembrane 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

Function
Mediates 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 - Protocols

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

- Blocking Peptides

TM181 Antibody (N-term) Blocking peptide - Images

TM181 Antibody (N-term) Blocking peptide - Background

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The TMEM181 gene encodes a putative G protein-coupledreceptor 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)