

TMEM38B Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13336b**Specification**

TMEM38B Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9NVV0](#)**TMEM38B Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 55151**Other Names**

Trimeric intracellular cation channel type B, TRIC-B, TRICB, Transmembrane protein 38B, TMEM38B, C9orf87

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13336b was selected from the C-term region of TMEM38B. 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.

TMEM38B Antibody (C-term) Blocking peptide - Protein Information**Name** TMEM38B**Synonyms** C9orf87**Function**

Monovalent cation channel required for maintenance of rapid intracellular calcium release. May act as a potassium counter-ion channel that functions in synchronization with calcium release from intracellular stores.

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9DAV9}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9DAV9}

TMEM38B Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TMEM38B Antibody (C-term) Blocking peptide - Images**TMEM38B Antibody (C-term) Blocking peptide - Background**

Monovalent cation channel required for maintenance of rapid intracellular calcium release. May act as a potassium counter-ion channel that functions in synchronization with calcium release from intracellular stores (By similarity).

TMEM38B Antibody (C-term) Blocking peptide - References

Cirulli, E.T., et al. Eur. J. Hum. Genet. 18(7):815-820(2010)Perry, J.R., et al. Nat. Genet. 41(6):648-650(2009)Yamazaki, D., et al. Pharmacol. Ther. 121(3):265-272(2009)Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008)Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) :