

TMEM38B Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP13336b

Specification

TMEM38B Antibody (C-term) Blocking peptide - Product Information

Primary Accession <u>O9NVV0</u>

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

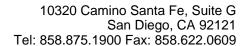
Synonyms C9orf87

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):





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