

TMEM109 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13353b**Specification**

TMEM109 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9BVC6](#)**TMEM109 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 79073**Other Names**

Transmembrane protein 109, Mitsugumin-23, Mg23, TMEM109

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13353b was selected from the C-term region of TMEM109. 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.

TMEM109 Antibody (C-term) Blocking peptide - Protein Information**Name** TMEM109 ([HGNC:28771](#))**Function**

Functions as a voltage-gated monoatomic cation channel permeable to both potassium and calcium (By similarity). Plays a role in the cellular response to DNA damage (PubMed:23542032).

Cellular Location

Nucleus outer membrane {ECO:0000250|UniProtKB:O77751}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O77751}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:O77751}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O77751}. Sarcoplasmic reticulum membrane {ECO:0000250|UniProtKB:O77751}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O77751}

TMEM109 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

TMEM109 Antibody (C-term) Blocking peptide - Images**TMEM109 Antibody (C-term) Blocking peptide - Background**

The specific function of this protein remains unknown.

TMEM109 Antibody (C-term) Blocking peptide - References

Yamazaki, T., et al. Biochem. Biophys. Res. Commun. 392(2):196-200(2010)