

ANO10 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21823b

Specification

ANO10 Blocking Peptide (C-Term) - Product Information

Primary Accession [O9NW15](#)

ANO10 Blocking Peptide (C-Term) - Additional Information

Gene ID 55129

Other Names

Anoctamin-10, Transmembrane protein 16K, ANO10, TMEM16K

Target/Specificity

The synthetic peptide sequence is selected from aa 640-653 of HUMAN ANO10

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.

ANO10 Blocking Peptide (C-Term) - Protein Information

Name ANO10

Synonyms TMEM16K

Function

Does not exhibit calcium-activated chloride channel (CaCC) activity. Can inhibit the activity of ANO1.

Cellular Location

Cell membrane; Multi-pass membrane protein. Note=Shows predominantly an intracellular localization with a weak expression in the cell membrane

Tissue Location

Highly expressed in the brain. Intermediate levels in the retina and heart and low levels in the placenta, liver, lung, duodenum, kidney, testis and spleen. In brain areas, highest expression in the frontal and occipital cortices and in the cerebellum. Lower expression in the fetal brain than in the adult brain

ANO10 Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)

ANO10 Blocking Peptide (C-Term) - Images

ANO10 Blocking Peptide (C-Term) - Background

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ANO10 Blocking Peptide (C-Term) - References

Ota T., et al. Nat. Genet. 36:40-45(2004).

Muzny D.M., et al. Nature 440:1194-1198(2006).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Schreiber R., et al. J. Biol. Chem. 285:7838-7845(2010).

Duran C., et al. Acta Pharmacol. Sin. 32:685-692(2011).