

ANO5 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP8580b

Specification

ANO5 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q75V66](#)

ANO5 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 203859

Other Names

Anoctamin-5, Gnathodiaphyseal dysplasia 1 protein, Transmembrane protein 16E, ANO5, GDD1, TMEM16E

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8580b](#) was selected from the C-term region of human ANO5. 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.

ANO5 Antibody (C-term) Blocking Peptide - Protein Information

Name ANO5

Synonyms GDD1, TMEM16E

Function

Plays a role in plasma membrane repair in a process involving annexins (PubMed:[33496727](http://www.uniprot.org/citations/33496727)). Does not exhibit calcium-activated chloride channel (CaCC) activity.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Note=Colocalized with CALR/calreticulin (PubMed:15124103). Shows an intracellular localization according to PubMed:22075693.

Tissue Location

Highly expressed in brain, heart, kidney, lung, and skeletal muscle. Weakly expressed in bone marrow, fetal liver, placenta, spleen, thymus, osteoblasts and periodontal ligament cells

ANO5 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ANO5 Antibody (C-term) Blocking Peptide - Images**ANO5 Antibody (C-term) Blocking Peptide - Background**

ANO5 is a member of the anoctamin family of transmembrane proteins. This protein is likely a calcium activated chloride channel.

ANO5 Antibody (C-term) Blocking Peptide - References

Katoh,M. et.al., Am. J. Hum. Genet. 75 (5), 927-928 (2004) Tsutsumi,S., et.al., Am. J. Hum. Genet. 74 (6), 1255-1261 (2004)