

CLCNKB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14969a**Specification**

CLCNKB Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [P51801](#)

CLCNKB Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1188

Other Names

Chloride channel protein CIC-Kb, Chloride channel Kb, CIC-K2, CLCNKB

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.

CLCNKB Antibody (N-term) Blocking Peptide - Protein Information

Name CLCNKB

Function

Voltage-gated chloride channel. Chloride channels have several functions including the regulation of cell volume; membrane potential stabilization, signal transduction and transepithelial transport. May be important in urinary concentrating mechanisms.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Expressed predominantly in the kidney.

CLCNKB Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CLCNKB Antibody (N-term) Blocking Peptide - Images

CLCNKB Antibody (N-term) Blocking Peptide - Background

The protein encoded by this gene is a member of the family of voltage-gated chloride channels. Chloride channels have several functions, including the regulation of cell volume, membrane potential stabilization, signal transduction and transepithelial transport. This gene is expressed predominantly in the kidney and may be important for renal salt reabsorption. Mutations in this gene are associated with autosomal recessive Bartter syndrome type 3 (BS3). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

CLCNKB Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Yu, Y., et al. Clin. Genet. 77(2):155-162(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Brochard, K., et al. Nephrol. Dial. Transplant. 24(5):1455-1464(2009) Sile, S., et al. J. Hypertens. 27(2):298-304(2009)