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SCNN1D Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP17675a

Specification

SCNN1D Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P51172

SCNN1D Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 6339

Other Names
Amiloride-sensitive sodium channel subunit delta, Delta-NaCH, Epithelial Na(+) channel subunit delta, Delta-ENaC, ENaCD, Nonvoltage-gated sodium channel 1 subunit delta, SCNED, SCNN1D, DNACH

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.

SCNN1D Antibody (N-term) Blocking Peptide - Protein Information

Name SCNN1D

Synonyms DNACH

Function
Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.

Cellular Location
Cell membrane; Multi-pass membrane protein

SCNN1D Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SCNN1D Antibody (N-term) Blocking Peptide - Images

SCNN1D Antibody (N-term) Blocking Peptide - Background

Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.

SCNN1D Antibody (N-term) Blocking Peptide - References

Wesch, D., et al. Am. J. Physiol., Cell Physiol. 299 (4), C779-C790 (2010) :Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Bangel-Ruland, N., et al. Am. J. Respir. Cell Mol. Biol. 42(4):498-505(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Haerteis, S., et al. J. Biol. Chem. 284(42):29024-29040(2009)