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KCNH8 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16591a

Specification

KCNH8 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q96L42

KCNH8 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 131096

Other Names
Potassium voltage-gated channel subfamily H member 8, ELK1, hElk1,
Ether-a-go-go-like potassium channel 3, ELK channel 3, ELK3, Voltage-gated potassium channel subunit Kv121, KCNH8

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.

KCNH8 Antibody (N-term) Blocking Peptide - Protein Information

Name KCNH8

Function
Pore-forming (alpha) subunit of voltage-gated potassium channel. Elicits a slowly activating, outward rectifying current. Channel properties may be modulated by cAMP and subunit assembly.

Cellular Location

KCNH8 Antibody (N-term) Blocking Peptide - Background

Voltage-gated potassium (Kv) channels represent the mostcomplex class of voltage-gated ion channels from both functionaland structural standpoints. Their diverse functions includeregulating neurotransmitter release, heart rate, insulin secretion,neuronal excitability, epithelial electrolyte transport, smoothmuscle contraction, and cell volume. This gene encodes a member ofthe potassium channel, voltage-gated, subfamily H. This member is apore-forming (alpha) subunit.

KCNH8 Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Kiel, D.P., et al. BMC Med. Genet. 8 SUPPL 1, S14 (2007) :Gutman, G.A., et al. Pharmacol. Rev. 57(4):473-508(2005)Zou, A., et al. Am. J. Physiol., Cell Physiol. 285 (6), C1356-C1366 (2003) :

Membrane; Multi-pass membrane protein.

Tissue Location
Primarily expressed in the nervous system.

KCNH8 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides