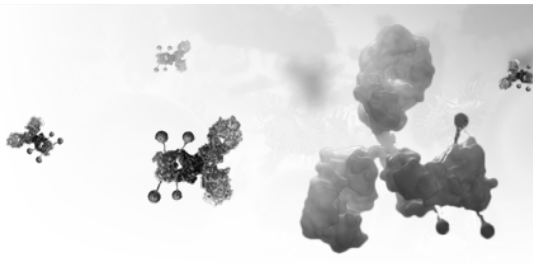

KCNK13 blocking peptide (CDBP5636)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a potassium channel containing two pore-forming domains. This protein is an open channel that can be stimulated by arachidonic acid and inhibited by the anesthetic halothane. [provided by RefSeq, Jul 2013]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	KCNK13 potassium channel, subfamily K, member 13 [Homo sapiens (human)]
Official Symbol	KCNK13
Synonyms	KCNK13; potassium channel, subfamily K, member 13; THIK1; THIK-1; K2p13.1; potassium channel subfamily K member 13; K2P13.1 potassium channel; tandem pore domain potassium channel THIK-1; tandem pore domain halothane-inhibited potassium channel 1

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Entrez Gene ID	56659
mRNA Refseq	NM_022054
Protein Refseq	NP_071337
UniProt ID	Q9HB14
Pathway	Neuronal System; Potassium Channels; Tandem pore domain halothane-inhibited K+ channel (THIK); Tandem pore domain potassium channels
Function	potassium channel activity; voltage-gated ion channel activity

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