



Human KCNC3 blocking peptide (CDBP1669)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-KCNC3 antibody
Antigen Description	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Alternate splicing results in several transcript variants. [provided by RefSeq, Mar 2014]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	KCNC3 potassium voltage-gated channel, Shaw-related subfamily, member 3 [Homo sapiens]
Official Symbol	KCNC3
Synonyms	KCNC3; potassium voltage-gated channel, Shaw-related subfamily, member 3; SCA13,

spinocerebellar ataxia 13; potassium voltage-gated channel subfamily C member 3; Kv3.3; voltage-gated potassium channel protein KV3.3; voltage-gated potassium channel subunit Kv3.3; Shaw-related voltage-gated potassium channel protein 3; KV3.3; SCA13; KSHIID;

Entrez Gene ID	3748
mRNA Refseq	NM_004977
Protein Refseq	NP_004968
UniProt ID	Q14003
Chromosome Location	19q13.33
Pathway	Neuronal System, organism-specific biosystem; Potassium Channels, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem;
Function	voltage-gated ion channel activity; voltage-gated potassium channel activity;