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Datasheet for ABIN681193
anti-KCNG4 antibody (AA 421-519)

Overview

Quantity:	100 µL
Target:	KCNG4 (Kcng4)
Binding Specificity:	AA 421-519
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNG4 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KCNG4/KV63
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	KCNG4 (Kcng4)
Alternative Name:	KCNG4 (Kcng4 Products)
Background:	Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include

Target Details

regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. KCNG4 is a member of the potassium channel, voltage-gated, subfamily G. This member functions as a modulatory subunit. The protein has strong expression in brain. Voltage-gated potassium (Kv) 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 member of the potassium channel, voltage-gated, subfamily G. This member functions as a modulatory subunit. The gene has strong expression in brain. Multiple alternatively spliced variants have been found in normal and cancerous tissues.

Subcellular location: Cytoplasm, Cell membrane

Synonyms: KCNG4, KV6.3, KV6.4, MGC129609, MGC4558, Voltage-gated potassium channel subunit Kv6.4, KCNG4_HUMAN .

Gene ID: 3749

UniProt: [Q8TDN1](#)

Application Details

Application Notes: ELISA 1:500-1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months