

Datasheet for ABIN633693 **anti-KCNG1 antibody (N-Term)**



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	KCNG1
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KCNG1 antibody was raised using the N terminal of KCNG1 corresponding to a region with amino acids YDVCNEFFDRNPGAFGILTFLRAGKLRLREMCALSFQEELLYWGIA
Specificity:	KCNG1 antibody was raised against the N terminal of KCNG1
Purification:	Affinity purified

Target Details

Target:	KCNG1
Alternative Name:	KCNG1 (KCNG1 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 regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial

Target Details

electrolyte transport, smooth muscle contraction, and cell volume. KCNG1 is a member of the potassium channel, voltage-gated, subfamily G. 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.

Molecular Weight: 58 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: KCNG1 Blocking Peptide, catalog no. 33R-10077, is also available for use as a blocking control in assays to test for specificity of this KCNG1 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KCNG1 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. KCNG1 antibody used at 1 ug/ml to detect target protein.