

## Datasheet for ABIN633688 **anti-KCNG1 antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	KCNG1
Binding Specificity:	N-Term
Reactivity:	Human
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 MTL LPGD NSDYDYSALSCTSDASFHPAFLPQRQAIGAFYRRAQRLRPQD
Specificity:	KCNG1 antibody was raised against the N terminal of KCNG1
Purification:	Affinity purified

#### Target Details

Target:	KCNG1
Alternative Name:	KCNG1 ( <a href="#">KCNG1 Products</a> )
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

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

Molecular Weight: 56 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 0.25 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: KCNG1 Blocking Peptide, catalog no. 33R-6553, 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

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Format: Lyophilized

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

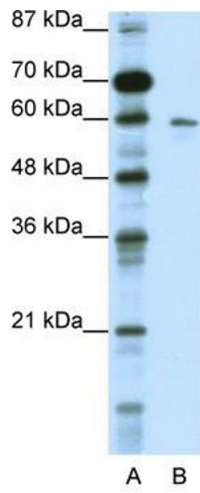
Concentration: Lot specific

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 0.25 ug/ml to detect target protein.