

## Datasheet for ABIN633751 **anti-KCNG4 antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	KCNG4 (Kcng4)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNG4 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	KCNG4 antibody was raised using the N terminal of KCNG4 corresponding to a region with amino acids QEELAYWGIIEEAHLERCCLRKLLRKLEEELEELAKLHREDVLRQQRETRRP
Specificity:	KCNG4 antibody was raised against the N terminal of KCNG4
Purification:	Affinity purified

#### Target Details

Target:	KCNG4 (Kcng4)
Alternative Name:	KCNG4 ( <a href="#">Kcng4 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. 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.

Molecular Weight: 59 kDa (MW of target protein)

## Application Details

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

Comment: KCNG4 Blocking Peptide, catalog no. 33R-7518, is also available for use as a blocking control in assays to test for specificity of this KCNG4 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 KCNG4 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.** KCNG4 antibody used at 1 ug/ml to detect target protein.