

## Datasheet for ABIN630107 **anti-KCNK10 antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	KCNK10
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK10 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	KCNK10 antibody was raised using the N terminal of KCNK10 corresponding to a region with amino acids VVAIFVWVVVYLVTGGLVFRALQPFESSQKNTIALEKAEFLRDHVCVSP
Specificity:	KCNK10 antibody was raised against the N terminal of KCNK10
Purification:	Purified

#### Target Details

Target:	KCNK10
Alternative Name:	<a href="#">KCNK10 (KCNK10 Products)</a>
Background:	KCNK10 encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is highly expressed in the kidney and pancreas. This channel is an open rectifier which primarily passes outward current

## Target Details

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under physiological K<sup>+</sup> concentrations. The protein is stimulated strongly by arachidonic acid and to a lesser degree by membrane stretching, intracellular acidification, and general anaesthetics. Three transcript variants have been identified for this gene.

Molecular Weight: 59 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 2.5 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: KCNK10 Blocking Peptide, catalog no. 33R-9866, is also available for use as a blocking control in assays to test for specificity of this KCNK10 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 KCNK10 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.** KCNK10 antibody used at 2.5 ug/ml to detect target protein.