

Datasheet for ABIN6142757  
**anti-KCNK9 antibody (AA 1-100)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	KCNK9
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK9 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human KCNK9 (NP_001269463.1).
Sequence:	MKRQNVRTLK LIVCTFTYLL VAAVFDALD SDHEMREEEK LKAEIIRIKG KYNISSELYR QLELVILQSE PHRAGVQWKF AGSFYFAITV ITTIGYGHAA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

Target:	KCNK9
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## Target Details

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Alternative Name:	KCNK9 ( <a href="#">KCNK9 Products</a> )
Background:	<p>This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH -dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel mental retardation dysmorphism syndrome.</p> <p>Alternative splicing results in multiple transcript variants.,KCNK9,K2p9.1,KT3.2,TASK-3,TASK3,Cancer,Neuroscience,KCNK9</p>
Molecular Weight:	42 kDa
Gene ID:	51305
UniProt:	<a href="#">Q9NPC2</a>

## Application Details

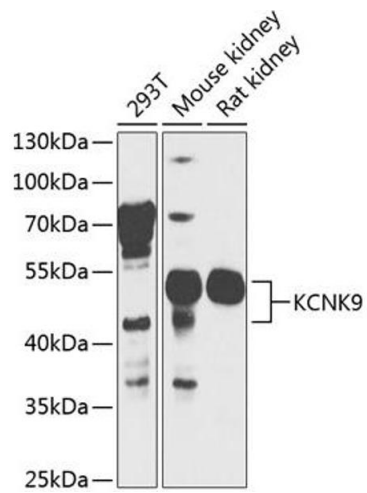
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Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using KCNK9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 15s.