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Datasheet for ABIN6142756
anti-KCNK9 antibody (AA 265-374)

1 Image

Overview

Quantity:	100 µL
Target:	KCNK9
Binding Specificity:	AA 265-374
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK9 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 265-374 of human KCNK9 (NP_001269463.1).
Sequence:	AGNRNSMVIH IPEEPRPSRP RYKADVPLQ SVCSCCTCYRS QDYGGRSVAP QNSFSAKLAP HYFHISISYKI EEISPSTLKN SLFPSPISSI SPGLHSFTDH QRLMKRRKSV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	KCNK9
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Target Details

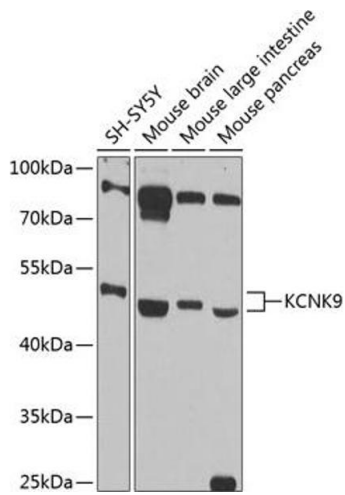
Alternative Name:	KCNK9 (KCNK9 Products)
Background:	<p>This gene encodes a protein that contains multiple transmembrane regions and two pore-forming P domains and functions as a pH -dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human 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:	Q9NPC2

Application Details

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

Handling

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 (ABIN6128568, ABIN6142756, ABIN6142758 and ABIN6216267) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.