

## KCNK9 (TASK-3) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10646
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthetic Peptide of KCNK9 (TASK-3)
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Rat, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Potassium channel subfamily K member 9
<b>Synonyms</b>	Potassium channel subfamily K member 9 ;Acid-sensitive potassium channel protein TASK-3;TWIK-related acid-sensitive K <sub>v</sub> channel 3;Two pore potassium channel KT3.2;Two pore K <sub>v</sub> channel KT3.2; Potassium channel subfamily K member 9; Acid-sensitive potassium channel protein TASK-3; TWIK-related acid-sensitive K <sub>v</sub> channel 3; Two pore potassium channel KT3.2; Two pore K <sub>v</sub> channel KT3.2

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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. Alternative splicing results in multiple transcript variants.

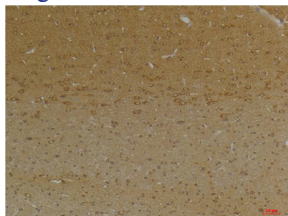
### Recommended Dilution

WB: 1: 1000 - 1: 2000

IHC: 1: 100 - 1: 200

Not yet tested in other applications.

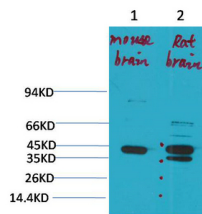
### Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using KCNK9 (TASK-3) Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using KCNK9 (TASK-3) Rabbit pAb diluted at 1:200.



Western blot analysis of 1) Mouse Brain Tissue, 2) Rat Brain Tissue with KCNK9 Rabbit pAb diluted at 1:2,000.

### Storage

-20°C for 1 year

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