



# KCNK2 mouse mAb

Catalog No	BYmab-08590
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	KCNK2 TREK TREK1
Protein Name	KCNK2
Immunogen	Synthesized peptide derived from human KCNK2 AA range: 219-269
Specificity	This antibody detects endogenous levels of KCNK2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	47kD
Cell Pathway	[Isoform 1]: Cell membrane ; Multi-pass membrane protein .; [Isoform 2]: Cell membrane ; Multi-pass membrane protein .; [Isoform 4]: Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Isoform 4 is detected in kidney, adrenal gland and brain where it is preferentially expressed in the amygdala but not found in thalamus, hypothalamus, hippocampus or substantia nigra.
Function	function:Outward rectifying potassium channel.,miscellaneous:Activated by volatile general anesthetics such as chloroform, halothane and isoflurane.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,
Background	This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three

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transcript variants encoding different isoforms have been found for this gene.  
[provided by RefSeq, Jul 2008],

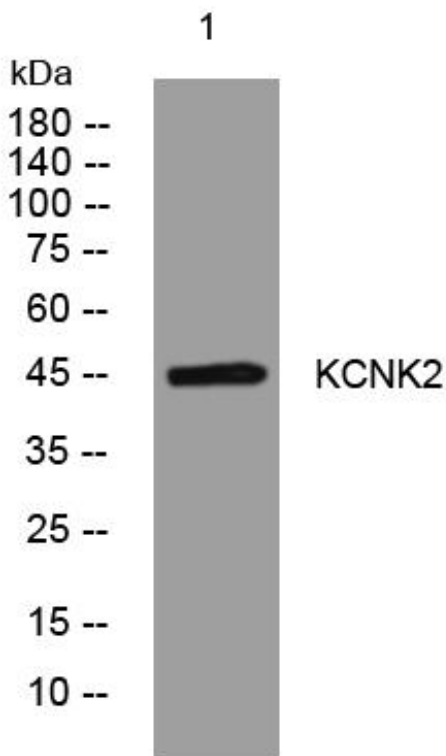
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using KCNK2 mouse mAb