



KCNK2 mouse mAb

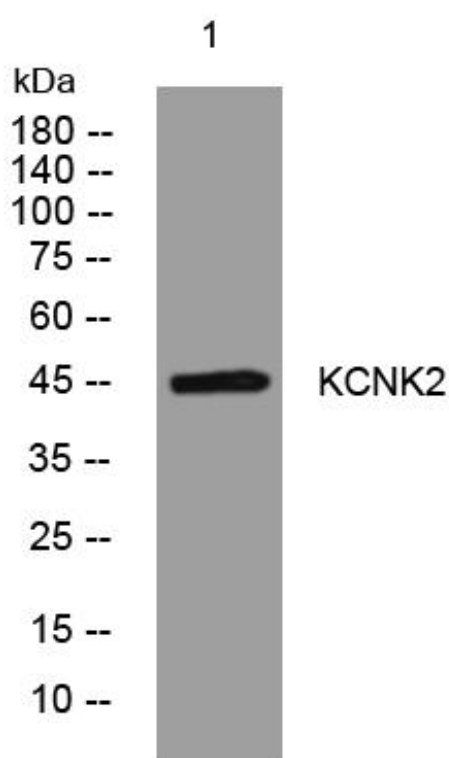
Catalog No	YP-mAb-08590
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	KCNK2 TREK TREK1
Protein Name	KCNK2
Immunogen	Synthesized peptide derived from human KCNK2 AA range: 219-269
Specificity	This antibody detects endogenous levels of KCNK2 at Human/Mouse
Formulation	Liquid in PBS 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 1:500-1:2000
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 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