BT LAB
Bioassay Technology Laboratory
Optimize Your Research

KCNN2 (SK2) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10649
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of KCNN2 (SK2)
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF
Concentration	1 mg/ml
Full name	
Synonyms	

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

Background

Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. The protein encoded by this gene is activated before membrane hyperpolarization and is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. This gene is a member of the KCNN family of potassium channel genes. The encoded protein is an integral membrane protein that forms a voltage-independent calcium-activated channel with three other calmodulin-binding subunits. Alternate splicing of this gene results in multiple transcript variants.

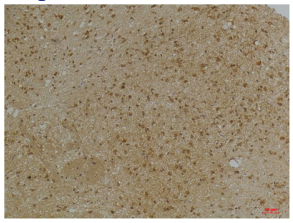
Recommended Dilution

WB: 1: 1000 - 1: 2000

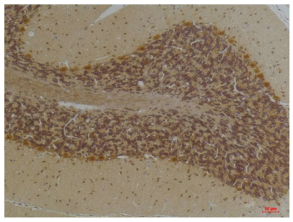
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

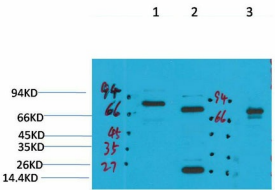
Images



Immunohistochemical analysis of paraffin-embedded Human BrainTissue using KCNN2(SK2) Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using KCNN2(SK2) Rabbit pAb diluted at 1:200.



Western blot analysis of 1) Rat BrainTissue, 2)Mouse Brain Tissue, 3) HepG2 with KCNN2(SK2) Rabbit pAb diluted at 1:2,000.

Storage

-20°C for 1 year

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