

KCNN3 (SK3) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP10650
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of KCNN3 (SK3)
Mol wt	N/A
Species reactivity	Human, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF
Concentration	1 mg/ml
Full name	Small conductance calcium-activated potassium channel protein 3
Synonyms	Small conductance calcium-activated potassium channel protein 3 ;SK3;SKCa 3;SKCa3;KCa2.3; Small conductance calcium-activated potassium channel protein 3; SK3; SKCa 3; SKCa3; KCa2.3

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

Background

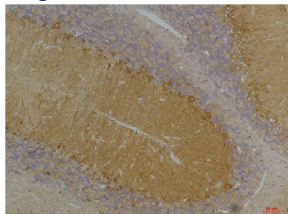
Action potentials in vertebrate neurons are followed by an afterhyperpolarization (AHP) that may persist for several seconds and may have profound consequences for the firing pattern of the neuron. Each component of the AHP is kinetically distinct and is mediated by different calcium-activated potassium channels. This gene belongs to the KCNN family of potassium channels. It encodes an integral membrane protein that forms a voltage-independent calcium-activated channel, which is thought to regulate neuronal excitability by contributing to the slow component of synaptic AHP. This gene contains two CAG repeat regions in the coding sequence. It was thought that expansion of one or both of these repeats could lead to an increased susceptibility to schizophrenia or bipolar disorder, but studies indicate that this is probably not the case. Alternatively spliced transcript v

Recommended Dilution

IHC: 1: 100 - 1: 200

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using KCNN3(SK3) Rabbit pAb diluted at 1:200.

Storage

-20°C for 1 year