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antibody and ELISA experts

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Anti-Potassium Channel Kv3.2b KCNC2 Antibody

Catalog Number: A09093

About KCNC2

Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient. Channel properties are modulated by subunit assembly By similarity.

Lizhen Yan, Mol. Pharmacol., May 2005; 67: 1513 - 1521.
Bart A. Jessen, Toxicol. Sci., Sep 2003; 75: 208 - 222.
Qingwei Deng, J. Neurosci., Dec 2005; 25: 11531 - 11541.
Shuk Yin M. Yeung, J. Neurosci., Sep 2005; 25: 8735 - 8745.

Overview

Product Name	Anti-Potassium Channel Kv3.2b KCNC2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Potassium Channel Kv3.2b KCNC2 Antibody (Catalog # A09093). Tested in WB, IHC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q96PR1

Technical Details

Immunogen	Synthesized peptide derived from human Potassium Channel Kv3.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

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Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blotting: 1:500~1:3000 Immunohistochemistry: 1:50~1:100

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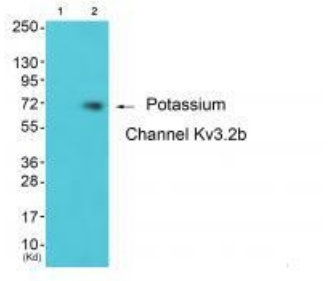
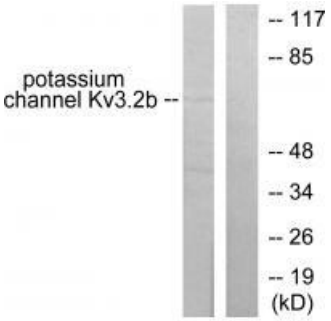
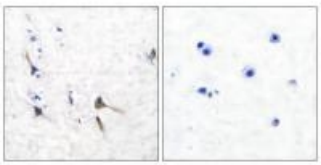
Anti-Potassium Channel Kv3.2b KCNC2 Antibody (A09093) Images



Western blot analysis of extracts from 293 cells (Lane 2), using Potassium Channel Kv3.2b antiobdy A09093. The lane on the left is treated with synthesized peptide.



Western blot analysis of extracts from HepG2 cells, using Potassium Channel Kv3.2b antibody A09093.



Immunohistochemical analysis of paraffin-embedded human brain tissue using Potassium Channel Kv3.2b antibody A09093.

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