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Anti-KCNMB2 Antibody

Catalog Number: A08181

About KCNMB2

Regulatory subunit of the calcium activated potassium KCNMA1 (maxiK) channel. Modulates the calcium sensitivity and gating kinetics of KCNMA1, thereby contributing to KCNMA1 channel diversity. Acts as a negative regulator that confers rapid and complete inactivation of KCNMA1 channel complex. May participate in KCNMA1 inactivation in chromaffin cells of the adrenal gland or in hippocampal CA1 neurons.

Wallner M., Proc. Natl. Acad. Sci. U.S.A. 96:4137-4142(1999).
Brenner R., J. Biol. Chem. 275:6453-6461(2000).
The MGC Project Team; Genome Res. 14:2121-2127(2004).

Overview

Product Name	Anti-KCNMB2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KCNMB2 Antibody (Catalog # A08181). Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	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	Q9Y691

Technical Details

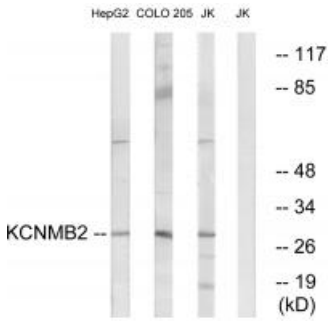
Immunogen	Synthesized peptide derived from internal of human KCNMB2.
Predicted Reactive Species	Chimpanzee, Drosophila, Macaque
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-

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	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

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Anti-KCNMB2 Antibody (A08181) Images



Western blot analysis of extracts from HepG2 cells, COLO cells and Jurkat cells, using KCNMB2 antibody A08181.

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