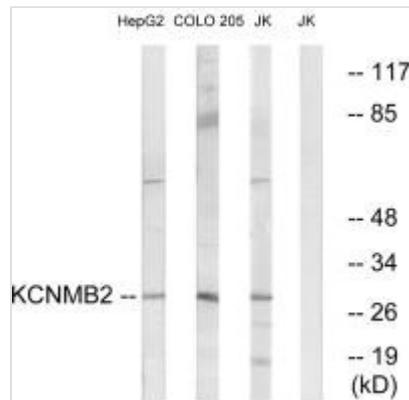


KCNMB2 Antibody

Product Code	CSB-PA130865
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9Y691
Immunogen	Synthesized peptide derived from internal of Human KCNMB2.
Raised In	Rabbit
Species Reactivity	Human, Mouse, Rat
Specificity	The antibody detects endogenous levels of total KCNMB2 protein.
Tested Applications	ELISA, WB; WB: 1:500-1:3000
Relevance	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).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	BK channel beta-2; BKbeta2; calcium-activated potassium channel beta-2; calcium-activated potassium channel; subfamily M beta-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	KCNMB2

Image


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

