

KCNMB2 Antibody

Catalog No: #34514



Package Size: #34514-1 50ul #34514-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

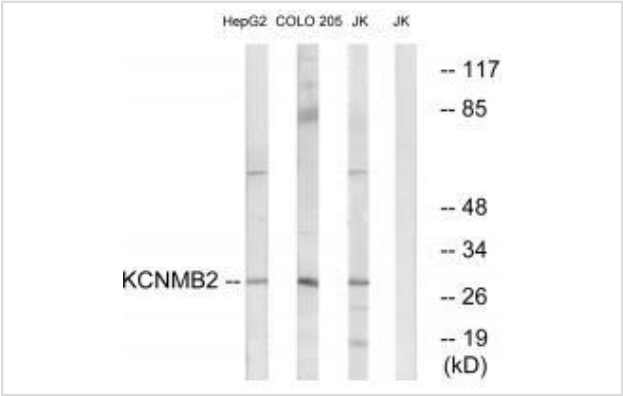
Description

Product Name	KCNMB2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total KCNMB2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KCNMB2.
Target Name	KCNMB2
Other Names	BK channel beta-2; BKbeta2; calcium-activated potassium channel beta-2; calcium-activated potassium channel; subfamily M beta-2
Accession No.	Swiss-Prot: Q9Y691NCBI Gene ID: 10242
Uniprot	Q9Y691
GeneID	10242;
SDS-PAGE MW	30kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HepG2 cells, COLO cells and Jurkat cells, using KCNMB2 antibody #34514.

Background

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).

Note: This product is for in vitro research use only