

Datasheet

KCNMA1 polyclonal antibody

Catalog Number: PAB15639

Regulation Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against synthetic peptide of KCNMA1.

Immunogen: A synthetic peptide corresponding to human KCNMA1.

Sequence: C-RESRDKQNRKEMVYR

Host: Goat

Theoretical MW (kDa): 132,

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Concentration: 0.5 mg/mL

Recommend Usage: ELISA (1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3778

Gene Symbol: KCNMA1

Gene Alias: BKTM, DKFZp686K1437, KCa1.1, MGC71881, MaxiK, SAKCA, SLO, SLO-ALPHA, SLO1, mSLO1

Gene Summary: MaxiK channels are large

conductance, voltage and calcium-sensitive potassium channels which are fundamental to the control of smooth muscle tone and neuronal excitability. MaxiK channels can be formed by 2 subunits: the pore-forming alpha subunit, which is the product of this gene, and the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

References:

1. Acute alcohol tolerance is intrinsic to the BKCa protein, but is modulated by the lipid environment. Yuan C, O'Connell RJ, Wilson A, Pietrzykowski AZ, Treistman SN. J Biol Chem. 2008 Feb 22;283(8):5090-8. Epub 2007 Dec 15.