

KCNMB1 Rabbit pAb

Catalog No.: A10224

Basic Information

Catalog No.

A10224

Observed MW

18kDa

Calculated MW

14kDa/21kDa

Category

Primary antibody

Applications

WB

Cross-Reactivity

Human

Recommended Dilutions

WB 1:200 - 1:2000

Background

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 and the product of this gene, the modulatory beta subunit. Intracellular calcium regulates the physical association between the alpha and beta subunits.

Immunogen Information

Gene ID

3779

Swiss Prot

Q16558

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 30-102 of human KCNMB1 (NP_004128.1).

Synonyms

KCNMB1;BKbeta1;K(VCA)beta;SLO-BETA;hbeta1;hslo-beta;k(VCA)beta-1;slo-beta-1

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

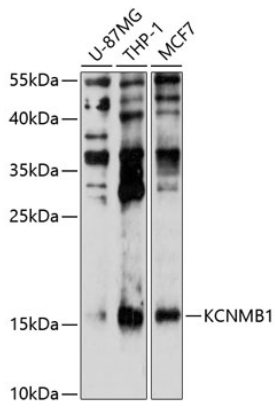
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using KCNMB1 antibody (A10224) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.