A10277
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KCNMB2 Rabbit pAb

Catalog No.: A10277

Basic Information

Observed MW
30kDa

Calculated MW
27kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse,Rat

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 modulatory beta subunit. The protein encoded by this gene is an auxiliary beta subunit which decreases the activation time of MaxiK alpha subunit currents. Alternative splicing results in multiple transcript variants of this gene. Additional variants are discussed in the literature, but their full length nature has not been described.

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
10242

Swiss Prot
Q9Y691

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 68-194 of human KCNMB2 (NP_005823.1).

Synonyms
KCNMB2

Contact

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Product Information

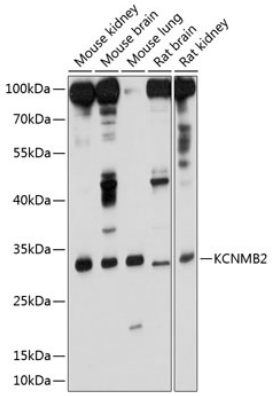
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. 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 KCNMB2 antibody (A10277) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.