

KCNMA1 Rabbit Polyclonal Antibody



CAB15283

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

137kDa

Calculated MW:

17kDa/130kDa/134kDa/135kDa/137kDa/138kDa

Applications:

WB

Reactivity:

Rat

Antibody Information

Recommended dilutions:

WB 1:200 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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, 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.

Immunogen information

Gene ID:

3778

Uniprot

Q12791

Synonyms:

KCNMA1; BKTM; KCa1.1; MaxiK; SAKCA; SLO; SLO-ALPHA; SLO1; bA205K10.1; hSlo; mSLO1

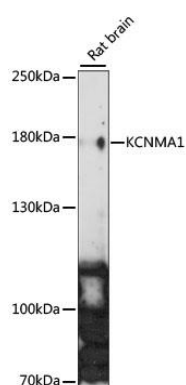
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 850-950 of human KCNMA1 (NP_001258447.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of Rat brain, using KCNMA1 antibody (CAB15283) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.