MaxiKβ (K119) polyclonal antibody

Catalog: BS3554 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

MaxiK channels are large conductance voltage and Ca 2+-activated potassium channels which are formed by tetramers of MaxiKα subunits, which create pores that are used for smooth muscle tone and neuronal excitability. These MaxiKα subunits have the ability to coassemble with MaxiKβ subunits that are structurally related and are able to regulate the function of MaxiKα subunits. KCNMB4 (potassium large conductance calcium-activated channel, subfamily M, β member 4), also known as Slo-β-4 or Maxi K channel subunit β-4, is a 210 amino acid multi-pass membrane protein belonging to the KCNMB family. Predominantly expressed in brain, KCNMB4 is a regulatory subunit of the calcium activated potassium MaxiKα channel. KCNMB4 contributes to MaxiKα channel diversity by modulating calcium sensitivity and gating kinetics of MaxiKα.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 24 kDa

Swiss-Prot:

Q86W47

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1:50~1:200

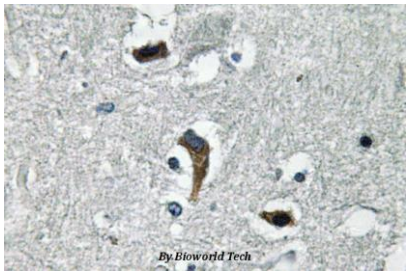
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

MaxiKβ (K119) polyclonal antibody detects endogenous levels of MaxiKβ protein.

DATA:



Immunohistochemistry (IHC) analyzes of MaxiKβ (K119) pAb in paraffin-embedded human brain tissue.

Note:

For research use only, not for use in diagnostic procedure.

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