

MaxiK β (K119) polyclonal antibody

Catalog: BS3554

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

MaxiK channels are large conductance voltage and Ca²⁺-activated potassium channels which are formed by tetramers of MaxiK α subunits, which create pores that are used for smooth muscle tone and neuronal excitability. These MaxiK α subunits have the ability to coassemble with MaxiK β subunits that are structurally related and are able to regulate the function of MaxiK α 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 MaxiK α channel. KCNMB4 contributes to MaxiK α channel diversity by modulating calcium sensitivity and gating kinetics of MaxiK α .

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

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

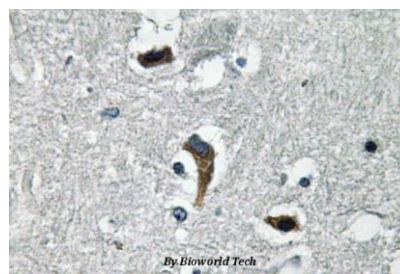
Storage&Stability:

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

Specificity:

MaxiK β (K119) polyclonal antibody detects endogenous levels of MaxiK β protein.

DATA:



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

Note:

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

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