MaxiKβ2 (I186) polyclonal antibody

Catalog: BS9144 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

MaxiKβ subunit 1 consists of two putative transmembrane domains, an extracellular loop containing three consensus sequences for N-linked glycosylation and four cysteine residues that might form disulfide bridges. MaxiKβ subunit 1, one of four subunits in the MaxiKβ family, is expressed predominately in smooth muscle tissue but is also found in brain, liver and lymphatic tissues. MaxiKβ subunit 1 associates with MaxiKα to form a calcium-activated potassium channel (also designated MaxiK and BK channel). MaxiKβ subunit 1 increases the sensitivity of the MaxiKα to calcium and voltage. The MaxiKα/β1 channel is the most sensitive of all Maxi channels to calcium. MaxiKβ plays an important role in vasoregulation by controlling the sensitivity of MaxiK channels to calcium, which leads to the proper amount of arterial relaxation.

Product:

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

Molecular Weight:

~ 27 kDa

Swiss-Prot:

Q9Y691

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:

WB: 1:500~1:1000

IHC: 1:50~1:200

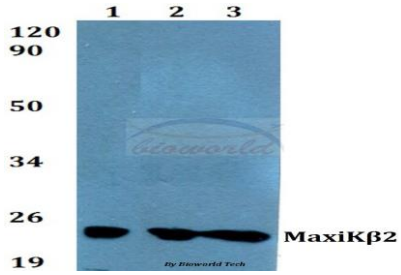
Storage&Stability:

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

Specificity:

MaxiKβ2 (I186) polyclonal antibody detects endogenous levels of MaxiKβ2 protein.

DATA:

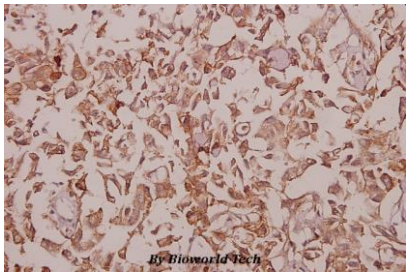


Western blot (WB) analysis of MaxiKβ2 (I186) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:PC12 whole cell lysate



Immunohistochemistry (IHC) analyzes of MaxiKβ2 (I186) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151