

Kv1.3 (phospho-Y187) polyclonal antibody

Catalog: BS4701

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

KCNA3 mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.

Product:

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

Molecular Weight:

~ 58 to 67 kDa

Swiss-Prot:

P22001

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

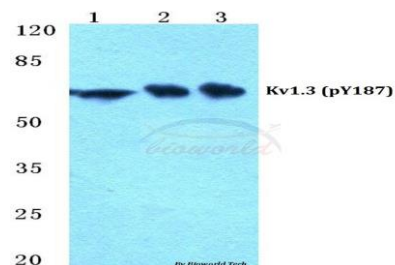
Storage&Stability:

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

Specificity:

p-Kv1.3 (Y187) polyclonal antibody detects endogenous levels of human Kv1.3 protein only when phosphorylated at Tyr187. This antibody also detects endogenous levels of mouse and rat Kv3.1 protein when phosphorylated at the corresponding residues. This antibody also recognizes human HCG1642166 (isoform CRA_b) when phosphorylated at Tyr135.

DATA:



Western blot (WB) analysis of p-Kv1.3 (Y187) polyclonal antibody at 1:500 dilution

Lane1: HEK293T cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Lane2: sp2/0 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

Lane3: PC12 cell lysate treated with EGF (0.1 ng/mL, 30 mins)

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@bioworld.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