

Kv10.2 polyclonal antibody

Catalog: BS31108

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Voltage-gated delayed rectifier potassium channel KCNH5: Pore-forming (alpha) subunit of a voltage-gated delayed rectifier potassium channel that mediates outward-rectifying potassium currents which, on depolarization, reaches a steady-state level and do not inactivate. The kinetic is characterized by a slow activation time course and a small voltage dependence of the activation time constants, therefore, starts to open at more negative voltages. The activation kinetics depend on the prepulse potential and external divalent cation concentration. The time course of activation is biphasic with a fast and a slowly activating current component. With negative prepulses, the current activation is delayed and slowed down several fold, whereas more positive prepulses speed up activation, therefore the activation rate depends on holding potential.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~112 kDa

Swiss-Prot:

Q8NCM2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/1000 - 1/2000), IHC (1/100 - 1/200)

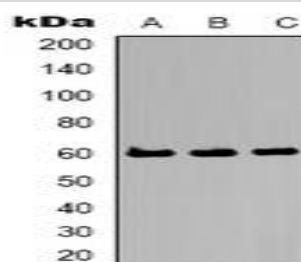
Storage&Stability:

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

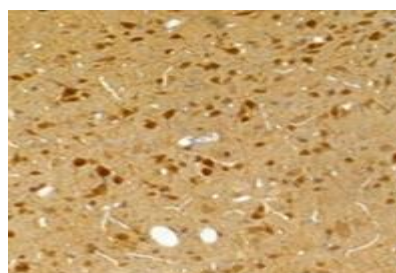
Specificity:

Recognizes endogenous levels of Kv10.2 protein.

DATA:



Western blot analysis of p53 expression in CT26 (A), Beas2B (B), A375 (C) whole cell lysates.



Immunohistochemical analysis of p53 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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