



PRODUCT DATA SHEET

Bioworld Technology, Inc.

KCNC3 polyclonal antibody

Catalog: BS33515

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Voltage-gated potassium channel that plays an important role in the rapid repolarization of fast-firing brain neurons. The channel opens in response to the voltage difference across the membrane, forming a potassium-selective channel through which potassium ions pass in accordance with their electrochemical gradient. The channel displays rapid activation and inactivation kinetics. It plays a role in the regulation of the frequency, shape and duration of action potentials in Purkinje cells. Required for normal survival of cerebellar neurons, probably via its role in regulating the duration and frequency of action potentials that in turn regulate the activity of voltage-gated $\text{Ca}(2+)$ channels and cellular $\text{Ca}(2+)$ homeostasis (By similarity). Required for normal motor function. Plays a role in the reorganization of the cortical actin cytoskeleton and the formation of actin veil structure...

Product:

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

Molecular Weight:

~80.6 kDa

Swiss-Prot:

Q14003

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of KCNC3 protein

DATA:

Western blot analysis of GMD expression in HeLa (A) whole cell lysates.

Note:

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

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