



PRODUCT DATA SHEET

Bioworld Technology, Inc.

HCN4 polyclonal antibody

Catalog: BS33025

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 4: Hyperpolarization-activated ion channel that are permeable to Na(+) and K(+) ions with very slow activation and inactivation. Exhibits higher selectivity for K(+) over Na(+) ions. Contributes to the native pacemaker currents in heart (If) that regulate the rhythm of heart beat (Probable). Contributes to the native pacemaker currents in neurons (Ih) (Probable). May mediate responses to sour stimuli (By similarity)

Product:

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

Molecular Weight:

~129 kDa

Swiss-Prot:

Q9Y3Q4

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 HCN4 protein

DATA:

Western blot analysis of Alpha-chimerin expression in Jurkat (A), MCF7 (B), mouse testis (C), rat brain (D) whole cell lysates.

Note:

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

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