



PRODUCT DATA SHEET

Bioworld Technology, Inc.

CCDC51 polyclonal antibody

Catalog: BS33650

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Mitochondrial potassium channel: Pore-forming subunit of the mitochondrial ATP-gated potassium channel (mitoK(ATP)). Together with ATP-binding subunit ABCB8/MITOSUR of the mitoK(ATP) channel, mediates ATP-dependent K(+) currents across the mitochondrial inner membrane. An increase in ATP intracellular levels closes the channel, inhibiting K(+) transport, whereas a decrease in ATP levels enhances K(+) uptake in the mitochondrial matrix. May contribute to the homeostatic control of cellular metabolism under stress conditions by regulating the mitochondrial matrix volume

Product:

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

Molecular Weight:

~45.8 kDa

Swiss-Prot:

Q96ER9

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 CCDC51 protein

DATA:

Western blot analysis of Profilin 1 expression in HT29 (A), PC12 (B), COS7 (C) whole cell lysates.

Note:

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

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