



TRPM6 polyclonal antibody

Catalog: BS31054

Host: Rabbit

Reactivity: Human

BackGround:

Transient receptor potential cation channel subfamily M member 6: Bifunctional protein that combines an ion channel with an intrinsic kinase domain, enabling it to modulate cellular functions either by conducting ions through the pore or by phosphorylating downstream proteins via its kinase domain. Crucial for $Mg(2+)$ homeostasis. Has an important role in epithelial $Mg(2+)$ transport and in the active $Mg(2+)$ absorption in the gut and kidney. However, whether TRPM6 forms functional homomeric channels by itself or functions primarily as a subunit of heteromeric TRPM6-TRPM7 channels, is still under debate.

Product:

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

Molecular Weight:

~232 kDa

Swiss-Prot:

Q9BX84

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

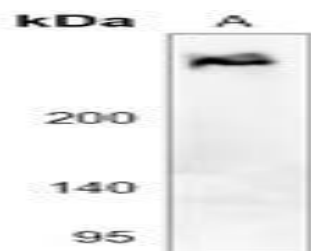
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of TRPM6 protein

DATA:



Western blot analysis of CLEC2L expression in mouse liver (A) whole cell lysates.

Note:

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

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