

TMEM16J polyclonal antibody

Catalog: BS30994

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Anoctamin-9: PKA-activated nonselective cation channel. Discriminates poorly among cations but is more permeable to Ca^{2+} ions than to monovalent cations (By similarity). Acts as a calcium-activated calcium permeable channel which may operate as a endoplasmic reticulum (ER) Ca^{2+} -leak channel, reducing the loading of the ER Ca^{2+} store. Regulates intracellular Ca^{2+} signals, ion channel activity, and cytokine release in the renal tissue. Plays an important role in olfaction, amplifying cAMP-evoked cyclic nucleotide-gated (CNG) channel currents in the olfactory sensory neurons (By similarity). Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (By similarity). Does not exhibit calcium-activated chloride channel (CaCC) activity. Can inhibit the activity of ANO1

Product:

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

Molecular Weight:

~90.3 kDa

Swiss-Prot:

A1A5B4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000), IHC (1/50 - 1/200), IF/ICC (1/50 - 1/100)

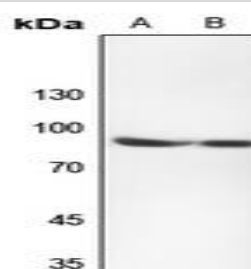
Storage&Stability:

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

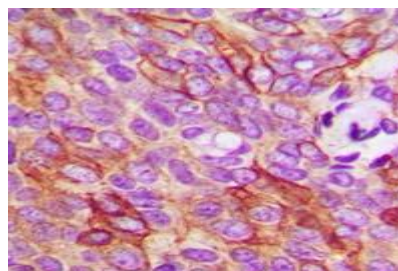
Specificity:

Recognizes endogenous levels of TMEM16J protein.

DATA:



Western blot analysis of SLC22A23 expression in Jurkat (A), mouse kidney (B), mouse liver (C), rat brain (D) whole cell lysates.



Note:

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

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