



TMC6 polyclonal antibody

Catalog: BS31825

Host: Rabbit

Reactivity: Human

BackGround:

Transmembrane channel-like protein 6: Acts as a regulatory protein involved in the regulation of numerous cellular processes. Together with its homolog TMC8/EVER2, forms a complex with CIB1 in lymphocytes and keratinocytes where TMC6 and TMC8 stabilize CIB1 and reciprocally. Together with TMC8, also forms a complex with and activates zinc transporter ZNT1 at the ER membrane of keratinocytes, thereby facilitating zinc uptake into the ER. Down-regulates the activity of transcription factors induced by zinc and cytokines. Also plays a role in thermal sensation by inhibiting the M-channel (KCNQ2-KCNQ3 channel) current in primary sensory neurons (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:

~90.0 kDa

Swiss-Prot:

Q7Z403

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

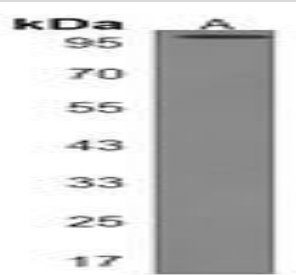
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of TMC6 protein.

DATA:



Western blot analysis of ASS1 expression in MCF7 (A), mouse liver (B), mouse kidney (C), rat liver (D), rat kidney (E) whole cell lysates.

Immunohistochemical analysis of ASS1 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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