

**TM4SF19 polyclonal antibody**

Catalog: BS35437

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Transmembrane 4 L6 family member 19: Negatively regulates vacuolar (H⁺)-ATPase (V-ATPase) activity by interacting with members of V-ATPase V0 complex and hence inhibiting V1-V0 complex assembly. Required for multinucleation during osteoclast differentiation

Product:

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

Molecular Weight:

~22.4 kDa

Swiss-Prot:

Q96DZ7

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 TM4SF19 protein

DATA:

Western blot analysis of Beta-2 Adrenergic Receptor expression in HeLa (A), Raw264.7 (B) whole cell lysates.

Immunohistochemical analysis of Beta-2 Adrenergic Receptor staining in human brain 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.

Immunofluorescent analysis of Beta-2 Adrenergic Receptor staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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