



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TMEM55B polyclonal antibody

Catalog: BS34521

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Type 1 phosphatidylinositol 4,5-bisphosphate 4-phosphatase: Catalyzes the hydrolysis of phosphatidylinositol-4,5-bisphosphate (PtdIns-4,5-P₂) to phosphatidylinositol-4-phosphate (PtdIns-4-P). Does not hydrolyze phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3,4-bisphosphate, inositol 3,5-bisphosphate, inositol 3,4-bisphosphate, phosphatidylinositol 5-monophosphate, phosphatidylinositol 4-monophosphate and phosphatidylinositol 3-monophosphate. Regulates lysosomal positioning by recruiting JIP4 to lysosomal membranes, thus inducing retrograde transport of lysosomes along microtubules. Contributes to assembly of the V-ATPase complex in lipid rafts of the lysosomal membrane and to subsequent amino acid-dependent activation of mTORC1. May play a role in the regulation of cellular cholesterol metabolism

Product:

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

Molecular Weight:

~29.5 kDa

Swiss-Prot:

Q86T03

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 TMEM55B protein

DATA:

Note:

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

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