



PRODUCT DATA SHEET

Bioworld Technology, Inc.

C7orf60 polyclonal antibody

Catalog: BS35476

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

S-adenosylmethionine sensor upstream of mTORC1: S-adenosyl-L-methionine-binding protein that acts as an inhibitor of mTORC1 signaling via interaction with the GATOR1 and KICSTOR complexes . Acts as a sensor of S-adenosyl-L-methionine to signal methionine sufficiency to mTORC1: in presence of methionine, binds S-adenosyl-L-methionine, leading to disrupt interaction with the GATOR1 and KICSTOR complexes and promote mTORC1 signaling . Upon methionine starvation, S-adenosyl-L-methionine levels are reduced, thereby promoting the association with GATOR1 and KICSTOR, leading to inhibit mTORC1 signaling . Probably also acts as a S-adenosyl-L-methionine-dependent methyltransferase (Potential)

Product:

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

Molecular Weight:

~46.3 kDa

Swiss-Prot:

Q1RMZ1

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 C7orf60 protein

DATA:

Western blot analysis of MITF expression in Jurkat (A), Hela (B), K562 (C), mouse kidney (D) whole cell lysates.

Note:

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

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