



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TRMT10B polyclonal antibody

Catalog: BS33946

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

tRNA methyltransferase 10 homolog B: S-adenosyl-L-methionine-dependent guanine N(1)-methyltransferase that catalyzes the formation of N(1)-methylguanine at position 9 (m1G9) in tRNAs . Probably not able to catalyze formation of N(1)-methyladenine at position 9 (m1A9) in tRNAs

Product:

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

Molecular Weight:

~36.1 kDa

Swiss-Prot:

Q6PF06

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 TRMT10B protein

DATA:

Western blot analysis of STAMBP expression in HepG2 (A), Hela (B), mouse brain (C), rat lung (D) whole cell lysates.

Immunohistochemical analysis of STAMBP staining in rat spleen for 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 STAMBP staining in U2OS 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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