



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MTO1 polyclonal antibody

Catalog: BS31269

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

5-taurinomethyluridine-[tRNA] synthase subunit MTO1, mitochondrial: Component of the GTPBP3-MTO1 complex that catalyzes the 5-taurinomethyluridine (taum(5)U) modification at the 34th wobble position (U34) of mitochondrial tRNAs (mt-tRNAs), which plays a role in mt-tRNA decoding and mitochondrial translation. Taum(5)U formation on mammalian mt-tRNA requires the presence of both GTPBP3-mediated GTPase activity and MTO1 catalytic activity

Product:

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

Molecular Weight:

~80.0 kDa

Swiss-Prot:

Q9Y2Z2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/2000)

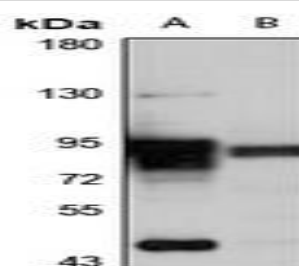
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MTO1 protein

DATA:



Note:

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

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