



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DTWD2 polyclonal antibody

Catalog: BS34829

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

tRNA-uridine aminocarboxypropyltransferase 2: Catalyzes the formation of 3-(3-amino-3-carboxypropyl)uridine (acp3U) at position 20a in the D-loop of several cytoplasmic tRNAs (acp3U(20a)). Also has a weak activity to form acp3U at position 20 in the D-loop of tRNAs (acp3U(20)). Involved in glycoRNA biosynthesis by mediating formation of acp3U, which acts as an attachment site for N-glycans on tRNAs. GlycoRNAs consist of RNAs modified with secretory N-glycans that are presented on the cell surface

Product:

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

Molecular Weight:

~33.4 kDa

Swiss-Prot:

Q8NBA8

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

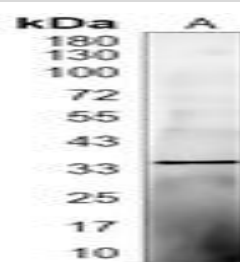
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of DTWD2 protein

DATA:



Western blot analysis of Calpain expression in HEK293T (A) whole cell lysates.

Immunofluorescent analysis of Calpain staining in HEK293T 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 an 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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