



PRODUCT DATA SHEET

Bioworld Technology, Inc.

FAM46B polyclonal antibody

Catalog: BS34547

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Terminal nucleotidyltransferase 5B: Catalyzes the transfer of one adenosine molecule from an ATP to an mRNA poly(A) tail bearing a 3'-OH terminal group in an ATP hydrolysis-dependent manner. May be involved in maintaining the translation efficiency of at least some genes through preventing degradation of their mRNAs. Prefers RNA molecules that are adenosine-rich close to 3'-end. In addition, may inhibit cell proliferation and cell cycle progression through ubiquitination of beta-catenin/CTNNB1

Product:

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

Molecular Weight:

~46.7 kDa

Swiss-Prot:

Q96A09

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 FAM46B protein

DATA:

Western blot analysis of NEFL expression in Hela (A), HGC27 (B), mouse brain (C) whole cell lysates.

Immunofluorescent analysis of NEFL staining in HepG2 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 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.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151