



PRODUCT DATA SHEET

Bioworld Technology, Inc.

L1TD1 polyclonal antibody

Catalog: BS35600

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

LINE-1 type transposase domain-containing protein 1: RNA-binding protein which plays a role in the regulation of pluripotency. Preferentially binds to 5'-GAGCGU-3' sequences. Binds to the 3'-UTR of the pluripotency regulator TFCEP2L1, stabilizing transcripts and resulting in increased TFCEP2L1 mRNA levels

Product:

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

Molecular Weight:

~98.8 kDa

Swiss-Prot:

Q5T7N2

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

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 L1TD1 protein

DATA:

Western blot analysis of CDKL5 expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates.

Immunofluorescent analysis of CDKL5 staining in MCF7 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