



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ARGLU1 polyclonal antibody

Catalog: BS34882

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Arginine and glutamate-rich protein 1: Dual function regulator of gene expression; regulator of transcription and modulator of alternative splicing . General coactivator of nuclear receptor-induced gene expression, including genes activated by the glucocorticoid receptor NR3C1 . Binds to a subset of pre-mRNAs and to components of the spliceosome machinery to directly modulate basal alternative splicing; involved in simple and complex cassette exon splicing events . Binds its own pre-mRNA and regulates its alternative splicing and degradation; one of the alternatively spliced products is a stable intronic sequence RNA (sisRNA) that binds the protein to regulate its ability to affect splicing . Binding of the sisRNA stimulates phase separation and localization to nuclear speckles, which may contribute to activation of nuclear receptor-induced gene expression . May also indirectly modulate alternative splicing . Regulates tra...

Product:

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

Molecular Weight:

~33.2 kDa

Swiss-Prot:

Q9NWB6

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 ARGLU1 protein

DATA:

Western blot analysis of Cadherin-pan expression in HEK293T (A) whole cell lysates.

Immunofluorescent analysis of Cadherin-pan staining in COS7 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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