



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ZFP36 polyclonal antibody

Catalog: BS32487

Host: Rabbit

Reactivity: Human

BackGround:

mRNA decay activator protein ZFP36: Zinc-finger RNA-binding protein that destabilizes several cytoplasmic AU-rich element (ARE)-containing mRNA transcripts by promoting their poly(A) tail removal or deadenylation, and hence provide a mechanism for attenuating protein synthesis. Acts as an 3'-untranslated region (UTR) ARE mRNA-binding adapter protein to communicate signaling events to the mRNA decay machinery. Recruits deadenylase CNOT7 (and probably the CCR4-NOT complex) via association with CNOT1, and hence promotes ARE-mediated mRNA deadenylation. Functions also by recruiting components of the cytoplasmic RNA decay machinery to the bound ARE-containing mRNAs. Self regulates by destabilizing its own mRNA. Binds to 3'-UTR ARE of numerous mRNAs and of its own mRNA. Plays a role in anti-inflammatory responses; suppresses tumor necrosis factor (TNF)-alpha production by stimulating ARE-mediated TNF mRNA decay and seve...

Product:

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

Molecular Weight:

~34.0 kDa

Swiss-Prot:

P26651

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

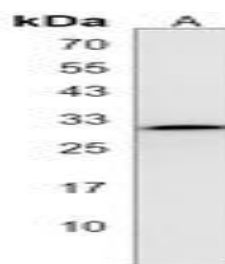
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of ZFP36 protein.

DATA:



Western blot analysis of GPR37 expression in U87MG (A) whole cell lysates.

Note:

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

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