



PRODUCT DATA SHEET

Bioworld Technology, Inc.

RBM47 polyclonal antibody

Catalog: BS33563

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

RNA-binding protein 47: Single-stranded RNA-binding protein that functions in a variety of RNA processes, including alternative splicing, RNA stabilization, and RNA editing . Functions as an enzyme-substrate adapter for the cytidine deaminase APOBEC1. With APOBEC1 forms an mRNA editing complex involved into cytidine to uridine editing of a variety of mRNA molecules . Through the binding of their 3'UTR, also stabilizes a variety of mRNAs and regulates the expression of genes such as the interferon alpha/beta receptor and interleukin-10 . Also involved in the alternative splicing of several genes including TJP1. Binds the pre-mRNA (U)GCAUG consensus sequences in downstream intronic regions of alternative exons, regulating their exclusion and inclusion into mRNAs . Independently of its RNA-binding activity, could negatively regulate MAVS by promoting its lysosomal degradation (By similarity)

Product:

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

Molecular Weight:

~64.1 kDa

Swiss-Prot:

A0AV96

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 RBM47 protein

DATA:

Note:

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

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