



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DHX16 polyclonal antibody

Catalog: BS33616

Host: Rabbit

Reactivity: Human

BackGround:

Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16: Required for pre-mRNA splicing as a component of the spliceosome. Contributes to pre-mRNA splicing after spliceosome formation and prior to the first transesterification reaction. As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). Also plays a role in innate antiviral response by acting as a pattern recognition receptor sensing splicing signals in viral RNA. Mechanistically, TRIM6 promotes the interaction between unanchored 'Lys-48'-polyubiquitin chains and DHX16, leading to DHX16 interaction with RIGI and ssRNA to amplify RIGI-dependent innate antiviral immune responses

Product:

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

Molecular Weight:

~119 kDa

Swiss-Prot:

O60231

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 DHX16 protein

DATA:

Western blot analysis of IGF2BP3 expression in HeLa (A), Jurkat (B), NIH/3T3 (C), COS7 (D), HepG2 (E), K562 (F), A549 (G), HEK293 (H) whole cell lysates.

Flow cytometric analysis of HeLa cells using Anti-IGF2BP3 Antibody (green) and negative control (red).

Note:

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

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