Product datasheet

Anti-DHX15 Antibody

Catalog Number: *A08140-1*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-DHX15 Antibody
Gene Name	DHX15
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, FCM
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence of human DHX15/prp43 (DIKPEWLVKIAPQYYDMSNFPQCEAKRQLDRIIAKLQSKEYSQY).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	91KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 Flow cytometry (FCM): 1-3 μg/1x10^6 cells (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15 is an enzyme that in humans is encoded by the DHX15 gene. It is mapped to 4p15.2. The protein encoded by this gene is a putative ATP-dependent RNA helicase implicated in pre-mRNA splicing.

Selected Validation Data

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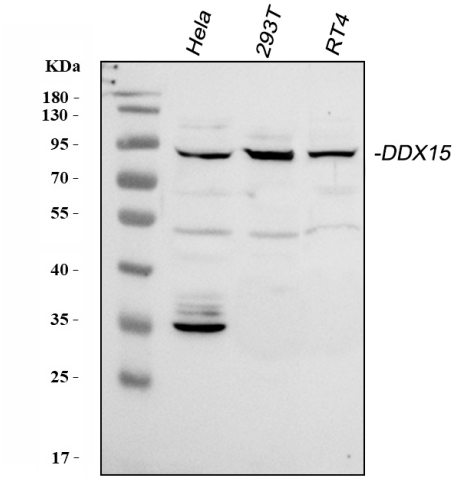

Figure 1. Western blot analysis of anti- DHX15 antibody (A08140-1). The sample well of each lane was loaded with 50ug of sample under reducing conditions.
Lane 1: human Hela whole cell lysates,
Lane 2: human 293T whole cell lysates,
Lane 3: human RT4 whole cell lysates.
Use rabbit anti- DHX15 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for DHX15 at approximately 91KD. The expected band size for DHX15 is at 91KD.

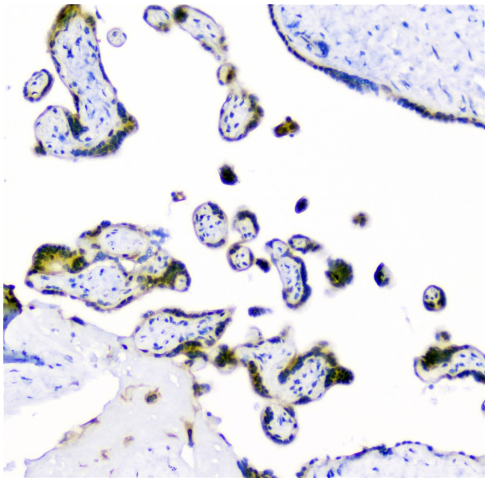

Figure 2. IHC analysis using anti- DHX15 antibody (A08140-1). detected in paraffin-embedded section of human placenta tissue. Peroxidase Conjugated goat anti-rabbit IgG was used as secondary antibody. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

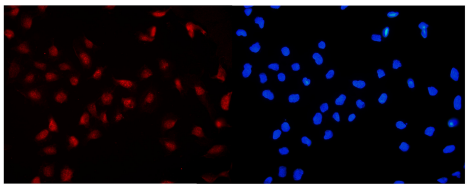

Figure 9. ICC analysis using anti- DHX15 antibody (A08140-1). was detected in immersion fixed U20S cell line. Cells were stained using the Dylight594-conjugated Anti-rabbit IgG Secondary Antibody (red)(Catalog#BA1142) and counterstained with DAPI (blue).

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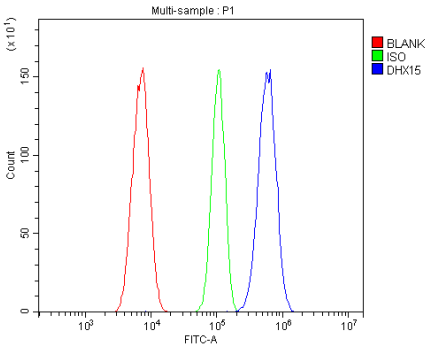

Figure 10. Flow cytometry analysis of A431 cell ($1x10^6$) DyLight 488 conjugated goat anti- rabbit IgG(blue) was used as secondary antibody.Isotype control antibody (Green line) was rabbit IgG DyLight 488. Unlabelled sample (Red line).