

For Research Use Only

DDX21 Recombinant antibody, PBS Only

Catalog Number: 80932-1-PBS

Featured Product



Basic Information

Catalog Number:

80932-1-PBS

Concentration:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0804

GenBank Accession Number:

BC008071

GeneID (NCBI):

9188

UNIPROT ID:

Q9NR30

Full Name:

DEAD (Asp-Glu-Ala-Asp) box polypeptide 21

Calculated MW:

87 kDa

Observed MW:

87 kDa

Purification Method:

Protein A purification

CloneNo.:

5E7

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

DDX21 protein belongs to DEAD box protein family which is characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD). As a putative RNA helicase, DDX21 unwinds double-stranded RNA, folds single-stranded RNA and is involved in process including ribosomal RNA biogenesis, RNA editing and general transcription. Interaction of DDX21 and c-Jun was reported in ribosomal RNA processing. DDX21 exists as two isoforms, molecular weight of modified isoform one is about 87 -100 kDa, and the post-modified isoform is about 75-85 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

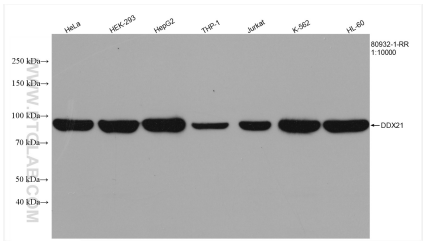
T: 4006900926

E: Proteintech-CN@ptglab.com

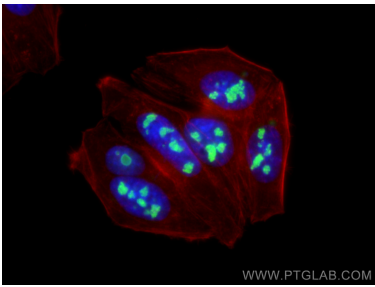
W: ptgcn.com

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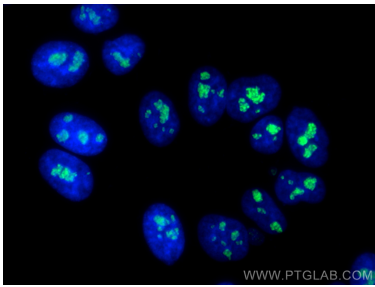
Selected Validation Data



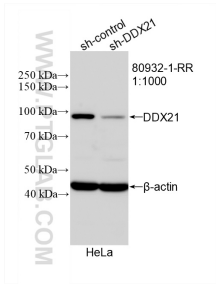
Various lysates were subjected to SDS PAGE followed by western blot with 80932-1-RR (DDX21 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80932-1-PBS in a different storage buffer formulation.



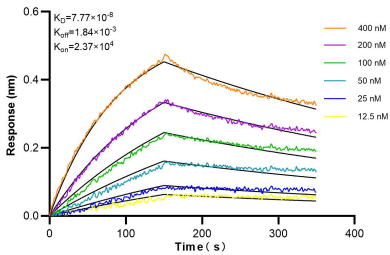
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX21 antibody (80932-1-RR, Clone: 5E7) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 80932-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX21 antibody (80932-1-RR, Clone: 5E7) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 80932-1-PBS in a different storage buffer formulation.



WB result of DDX21 antibody (80932-1-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DDX21 transfected HeLa cells. This data was developed using the same antibody clone with 80932-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 80932-1-RR against Human DDX21 were performed. The affinity constant is 77.7 nM.