

For Research Use Only

# DDX21 Recombinant antibody, PBS Only



Catalog Number: 80932-1-PBS

## Basic Information

<b>Catalog Number:</b> 80932-1-PBS	<b>GenBank Accession Number:</b> BC008071	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9188	<b>CloneNo.:</b> 5E7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NR30	
<b>Isotype:</b> IgG	<b>Full Name:</b> DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	
<b>Immunogen Catalog Number:</b> AG0804	<b>Calculated MW:</b> 87 kDa	
	<b>Observed MW:</b> 87 kDa	

## Applications

**Tested Applications:**  
WB, IF, 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

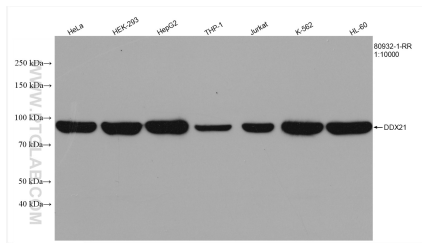
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

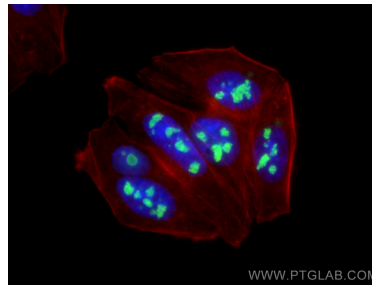
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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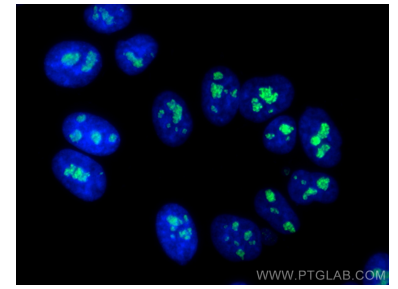
## Selected Validation Data



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.