

For Research Use Only

DDX21 Recombinant antibody, PBS Only



Catalog Number: 80932-1-PBS

Basic Information

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

Applications

Tested Applications:
WB, Indirect ELISA, IF

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:

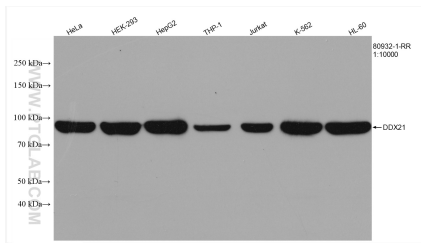
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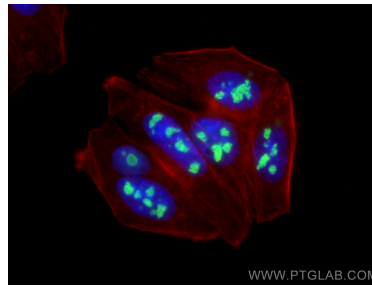
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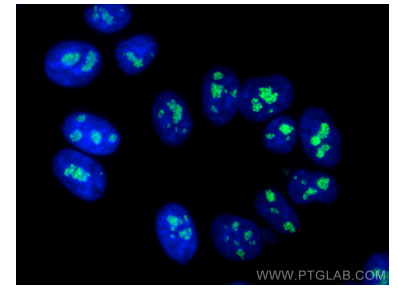
Selected Validation Data



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.