

For Research Use Only

# DDX39 Recombinant antibody

Catalog Number: 83083-5-RR



## Basic Information

<b>Catalog Number:</b> 83083-5-RR	<b>GenBank Accession Number:</b> BC032128	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10212	<b>CloneNo.:</b> 230375F9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O00148	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	
<b>Immunogen Catalog Number:</b> AG2311	<b>Calculated MW:</b> 427 aa, 49 kDa	
	<b>Observed MW:</b> 50 kDa	

## Applications

**Tested Applications:**  
IF, WB, ELISA

**Species Specificity:**  
Human

**Positive Controls:**

**WB :** Jurkat cells, HeLa cells, HepG2 cells, Raji cells, HEK-293 cells, A431 cells

**IF :** HepG2 cells,

## Background Information

DDX39A, also named the BAT1 protein, contains the nine conserved motifs that characterize the DEAD-box family of RNA-binding proteins. The family includes proteins found in all eukaryotic cell types, with considerable divergence in the sequences lying between the conserved motifs. Some of the motifs were known before the definition of the family and are responsible for binding to mRNA or ATP, or possess ATPase activity. Phylogenetic analyses have grouped BAT1 with the defining member of the DEAD-box family, eIF-4. This is a translation initiation factor required for the dissociation of stem/loop structures in mRNA at the ribosomes.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

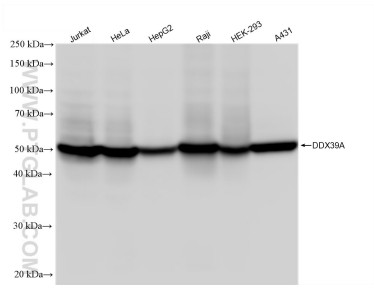
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

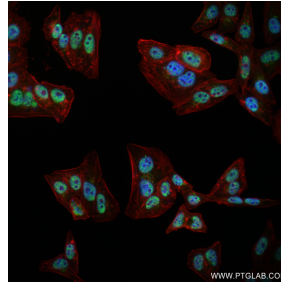
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83083-5-RR (DDX39 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX39 antibody (83083-5-RR, Clone: 230375F9 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).