

For Research Use Only

DDX39A Recombinant antibody

Catalog Number: 83083-4-RR



Basic Information

Catalog Number:	83083-4-RR	GenBank Accession Number:	BC032128	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	10212	CloneNo.:	230375F12
Source:	Rabbit	UNIPROT ID:	Q00148	Recommended Dilutions:	WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype:	IgG	Full Name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39		
Immunogen Catalog Number:	AG2311	Calculated MW:	427 aa, 49 kDa		
		Observed MW:	50 kDa		

Applications

Tested Applications:	WB, IF, ELISA	Positive Controls:	WB: Jurkat cells, HeLa cells, HepG2 cells, Raji cells, HEK-293 cells, A431 cells
Species Specificity:	Human		IF/ICC: 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

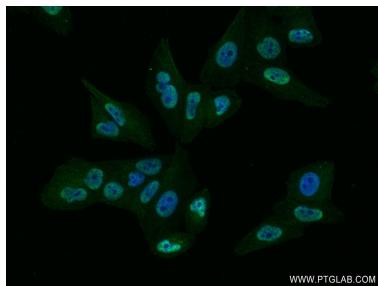
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

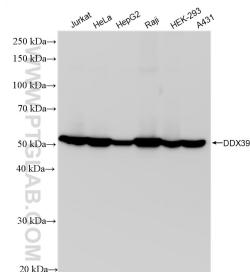
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using DDX39 antibody (83083-4-RR, Clone: 230375F12) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Various lysates were subjected to SDS PAGE followed by western blot with 83083-4-RR (DDX39 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.