

For Research Use Only

DDX41 Recombinant monoclonal antibody

Catalog Number: 86894-1-RR



Basic Information

Catalog Number: 86894-1-RR	GenBank Accession Number: BC015476	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51428	CloneNo.: 252011G10
Source: Rabbit	UNIPROT ID: Q9UJV9	Recommended Dilutions: WB: 1:2000-1:10000 IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	
Immunogen Catalog Number: AG26593	Calculated MW: 70 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, HEK-293 cells, Jurkat cells, MCF-7 cells, THP-1 cells, RAW 264.7 cells, PC-12 cells
	IF/ICC : MCF-7 cells,

Background Information

DDX41, also named as DEAD box protein abstract homolog, is a 622 amino acid protein, which is a probable ATP-dependent RNA helicase. DDX41 is required during post-transcriptional gene expression and may be involved in pre-mRNA splicing.

Storage

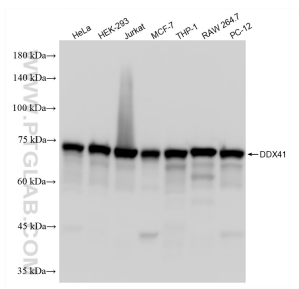
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

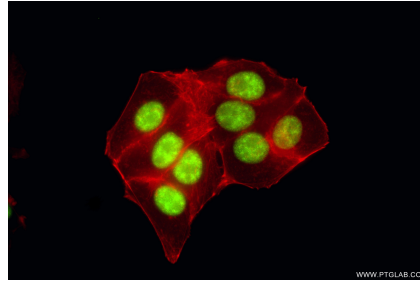
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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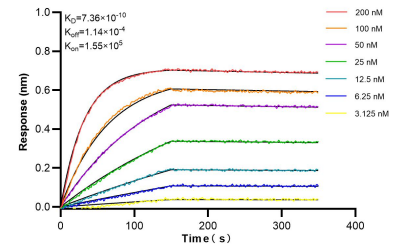
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86894-1-RR (DDX41 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using DDX41 antibody (86894-1-RR, Clone: 252011G10) at dilution of 1:1000 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 86894-1-RR against Human DDX41 were performed. The affinity constant is 0.736 nM.