

For Research Use Only

RDBP Recombinant antibody

Catalog Number: 85945-1-RR



Basic Information

Catalog Number: 85945-1-RR	GenBank Accession Number: BC011600	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 7936	CloneNo.: 250420G2
Source: Rabbit	UNIPROT ID: P18615	Recommended Dilutions: WB 1:2500-1:7500 IF/ICC 1:500-1:2000
Isotype: IgG	Full Name: RD RNA binding protein	
Immunogen Catalog Number: AG1186	Calculated MW: 37 kDa, 43 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HeLa cells, Calu-3 cells, mouse brain tissue, rat brain tissue, HEK-293 cells
	IF/ICC : HeLa cells,

Background Information

RDBP, also named NELF-E and RD, belongs to the RRM NELF-E family. It is an essential component of the NELF complex which is a complex that negatively regulates the elongation of transcription by RNA polymerase II. The NELF complex, a complex acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. RDBP was recently found implicated in RNA polymerase II pausing by association with Hsp90. Catalog# 10705-1-AP is a widely used rabbit polyclonal antibody obtained by immunizing animals with full-length RDBP of human origin.

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

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

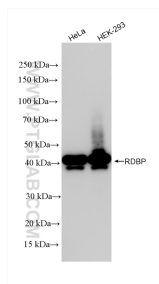
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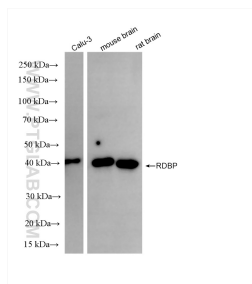
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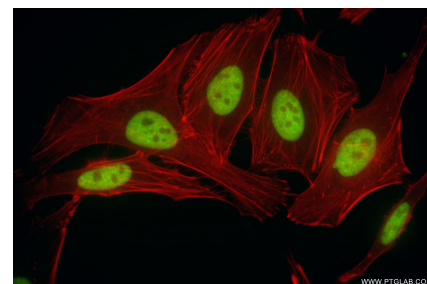
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85945-1-RR (RDBP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RDBP antibody (85945-1-RR, Clone: 250420G2) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).