

For Research Use Only

# REST Recombinant antibody

Catalog Number: 84846-4-RR



## Basic Information

<b>Catalog Number:</b> 84846-4-RR	<b>GenBank Accession Number:</b> BC132859	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5978	<b>CloneNo.:</b> 241789D3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13127	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> RE1-silencing transcription factor	
<b>Immunogen Catalog Number:</b> AG17707	<b>Calculated MW:</b> 1097 aa, 122 kDa	
	<b>Observed MW:</b> 200 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HepG2 cells, K-562 cells, BxPC-3 cells, SW 1990 cells, L02 cells
	<b>IF/ICC :</b> HeLa cells,

## Background Information

REST also named as NRSF or X2 box repressor is a 1097 amino acid protein, which contains 9 C2H2-type zinc fingers. REST as a transcriptional repressor binds neuron-restrictive silencer element (NRSE) and represses neuronal gene transcription in non-neuronal cells. Repressor element 1 (RE1) silencing transcription factor (REST), is widely expressed during embryogenesis and plays a strategic role in terminal neuronal differentiation. The molecular weight of REST is 121 kDa, but REST was detected at 200 kDa by western blot in our result, which is similar to the article (PMID: 16764822).

## Storage

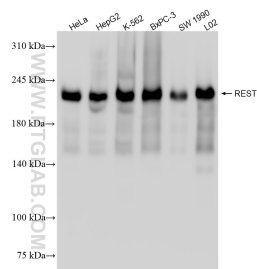
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

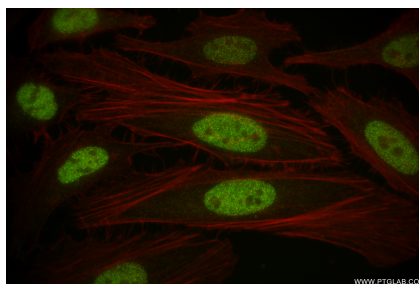
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84846-4-RR (REST antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using REST antibody (84846-4-RR, Clone: 241789D3 ) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).