

For Research Use Only

# REST Recombinant antibody, PBS Only

Catalog Number: 84846-4-PBS



## Basic Information

<b>Catalog Number:</b> 84846-4-PBS	<b>GenBank Accession Number:</b> BC132859	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5978	<b>CloneNo.:</b> 241789D3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13127	
<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

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## 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

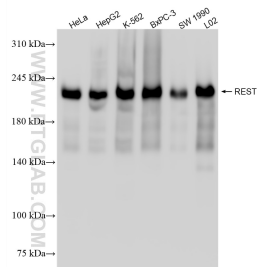
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

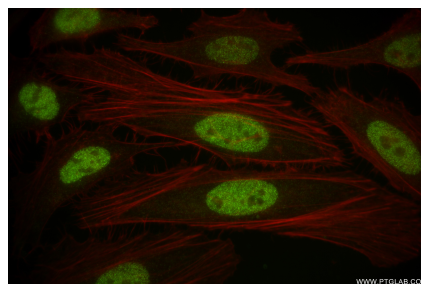
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 84846-4-RR (REST antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84846-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 84846-4-PBS in a different storage buffer formulation.