

For Research Use Only

REST Recombinant antibody

Catalog Number: 84846-4-RR



Basic Information

Catalog Number:

84846-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17707

GenBank Accession Number:

BC132859

GeneID (NCBI):

5978

UNIPROT ID:

Q13127

Full Name:

RE1-silencing transcription factor

Calculated MW:

1097 aa, 122 kDa

Observed MW:

200 kDa

Purification Method:

Protein A purification

CloneNo.:

241789D3

Recommended Dilutions:

WB 1:2000-1:10000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, K-562 cells, BxPC-3 cells,
SW 1990 cells, L02 cells

IF/ICC : 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

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

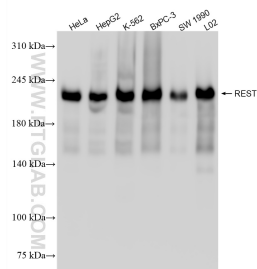
T: 4006900926

E: Proteintech-CN@ptglab.com

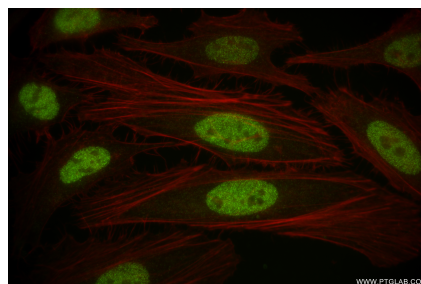
W: ptgcn.com

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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).