

For Research Use Only

REST Polyclonal antibody, PBS Only

Catalog Number: 22242-1-PBS

Featured Product



Basic Information

Catalog Number:

22242-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, 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 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 200kDa by western blot in our result, which is similar to the one article (PMID: 16764822).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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)

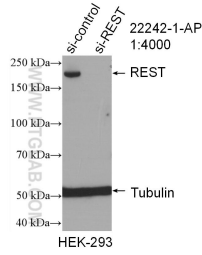
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

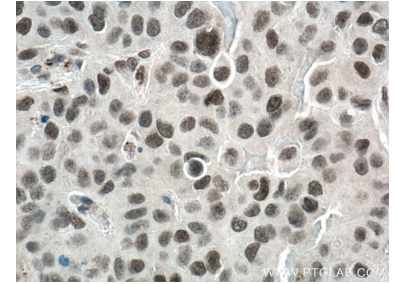
Selected Validation Data



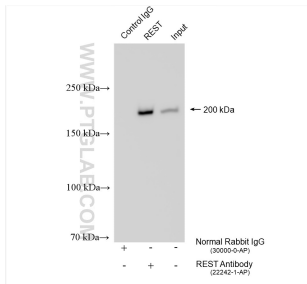
Raji cells were subjected to SDS PAGE followed by western blot with 22242-1-AP (REST antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 22242-1-PBS in a different storage buffer formulation.



WB result of REST antibody (22242-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-REST transfected HEK-293 cells. This data was developed using the same antibody clone with 22242-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 22242-1-AP (REST antibody) at dilution of 1:800 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 22242-1-PBS in a different storage buffer formulation.



IP result of anti-REST (IP:22242-1-AP, 4ug; Detection:22242-1-AP 1:15000) with HeLa cells lysate 1750 ug. This data was developed using the same antibody clone with 22242-1-PBS in a different storage buffer formulation.