

For Research Use Only

RCOR1 Polyclonal antibody

Catalog Number: 27686-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

27686-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26770

GenBank Accession Number:

NM_015156

GeneID (NCBI):

23186

Full Name:

REST corepressor 1

Calculated MW:

53 kDa

Observed MW:

60-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : C2C12 cell, PC-12 cells

IHC : human ovary cancer tissue,

Background Information

RCOR1, also named as REST corepressor 1, is a 485 amino acid protein, which belongs to the CoREST family. RCOR1 is a essential component of the BHC complex, a corepressor complex that represses transcription of neuron-specific genes in non-neuronal cells. The BHC complex is recruited at RE1/NRSE sites by REST and acts by deacetylating and demethylating specific sites on histones, thereby acting as a chromatin modifier. The calculated molecular weight of RCOR1 is a 53 kDa, but the phosphorylated RCOR1 is about 60-65 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Buqing Ye	32449550	EMBO J	WB
Xu Xiao-Die	32423826	Biochem Biophys Res Commun	WB
Esmerina Tili	29661714	Ann Diagn Pathol	IHC

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:

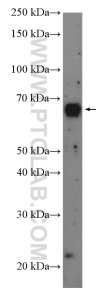
T: 4006900926

E: Proteintech-CN@ptglab.com

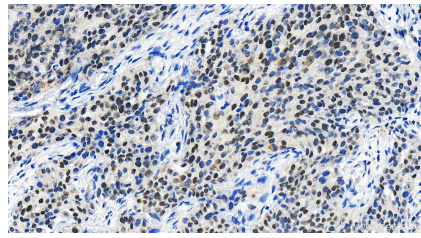
W: ptgcn.com

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Selected Validation Data



C2C12 cell were subjected to SDS PAGE followed by western blot with 27686-1-AP (RCOR1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 27686-1-AP (RCOR1 antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).