

For Research Use Only

# RCOR1 Polyclonal antibody

Catalog Number: 27686-1-AP

Featured Product

6 Publications



## Basic Information

<b>Catalog Number:</b> 27686-1-AP	<b>GenBank Accession Number:</b> NM_015156	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 ug/ml	<b>GeneID (NCBI):</b> 23186	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:250-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> REST corepressor 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 53 kDa	
<b>Immunogen Catalog Number:</b> AG26770	<b>Observed MW:</b> 60-65 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : C2C12 cell, PC-12 cells IHC : human ovary cancer tissue,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

RCOR1, also named as REST corepressor 1, is a 485 amino acid protein, which belongs to the CoREST family. RCOR1 is an 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 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:

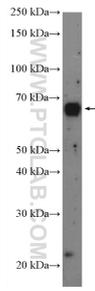
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

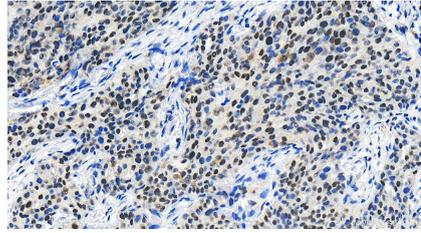
W: [ptgcn.com](http://ptgcn.com)

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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).