

For Research Use Only

# RCOR1 Recombinant monoclonal antibody

Catalog Number: 86954-1-RR



## Basic Information

<b>Catalog Number:</b> 86954-1-RR	<b>GenBank Accession Number:</b> NM_015156	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 23186	<b>CloneNo.:</b> 252115G9
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9UKLO	<b>Recommended Dilutions:</b> WB: 1:500-1:2000 IF/ICC: 1:500-1:2000
<b>Immunogen Catalog Number:</b> AG26770	<b>Full Name:</b> REST corepressor 1	
	<b>Calculated MW:</b> 53 kDa	
	<b>Observed MW:</b> 60 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> K-562 cells, MOLT-4 cells, Neuro-2a cells, C6 cells, PC-12 cells
	<b>IF/ICC :</b> HeLa cells,

## 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.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

**Aliquoting is unnecessary for -20°C storage**

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

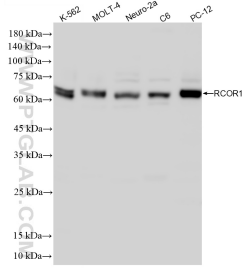
T: 4006900926

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

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

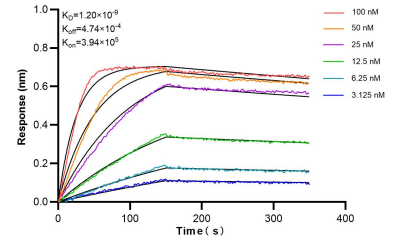
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86954-1-RR (RCOR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RCOR1 antibody (86954-1-RR, Clone: 252115G9) at dilution of 1:1000 and CoralLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 86954-1-RR against Human RCOR1 were performed. The affinity constant is 1.20 nM.