

For Research Use Only

RCOR1 Recombinant monoclonal antibody

Catalog Number: 86954-1-RR



Basic Information

Catalog Number: 86954-1-RR	GenBank Accession Number: NM_015156	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23186	CloneNo.: 252115G9
Source: Rabbit	UNIPROT ID: Q9UKLO	Recommended Dilutions: WB: 1:500-1:2000 IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: REST corepressor 1	
Immunogen Catalog Number: AG26770	Calculated MW: 53 kDa	
	Observed MW: 60 kDa	

Applications

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

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

*** 20ul sizes contain 0.1% BSA

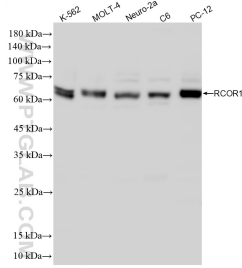
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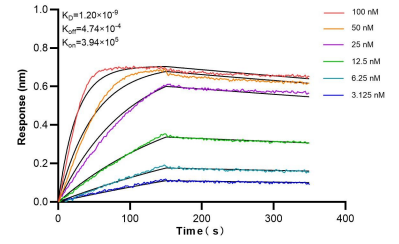
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Selected Validation Data



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.