

A12845

Leader in Biomolecular Solutions for Life Science



## CoREST/RCOR1 Rabbit pAb

Catalog No.: A12845

### Basic Information

#### Observed MW

60kDa

#### Calculated MW

53kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,IP,ChIP,ELISA

#### Cross-Reactivity

Human,Mouse

### Background

This gene encodes a protein that is well-conserved, downregulated at birth, and with a specific role in determining neural cell differentiation. The encoded protein binds to the C-terminal domain of REST (repressor element-1 silencing transcription factor).

### Recommended Dilutions

**WB** 1:500 - 1:2000

**IF/ICC** 1:50 - 1:200

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts  
of whole cells

**ELISA** Recommended starting  
concentration is 1  
µg/mL. Please optimize  
the concentration  
based on your specific  
assay requirements.

**ChIP** 5µg antibody for  
10µg-15µg of  
Chromatin

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### Immunogen Information

#### Gene ID

23186

#### Swiss Prot

Q9UKL0

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

#### Synonyms

RCOR; COREST; CoREST/RCOR1

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

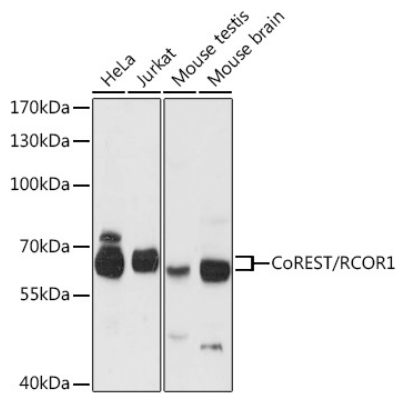
Affinity purification

#### Storage

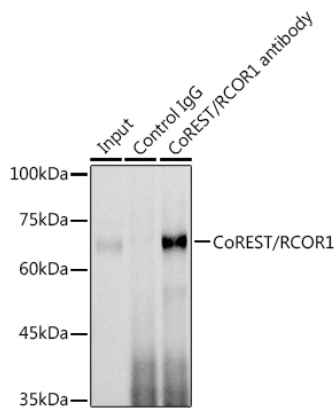
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

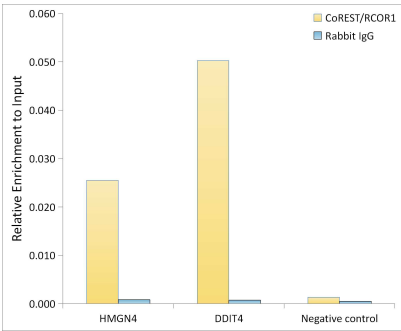
Validation Data



Western blot analysis of various lysates using CoREST/RCOR1 Rabbit pAb (A12845) at 1:3000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg CoREST/RCOR1 antibody (A12845). Western blot was performed from the immunoprecipitate using CoREST/RCOR1 antibody (A12845) at a dilution of 1:1000.



Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using CoREST/RCOR1 antibody (A12845) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.