

For Research Use Only

# NCOR1 Polyclonal antibody

Catalog Number: 20018-1-AP

7 Publications



## Basic Information

### Catalog Number:

20018-1-AP

### Size:

500 µg/ml

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_006311

### GeneID (NCBI):

9611

### UNIPROT ID:

O75376

### Full Name:

nuclear receptor co-repressor 1

### Calculated MW:

270 kDa

### Observed MW:

120 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC, IP, ChIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, 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 :** HepG2 cells, K-562 cells

**IHC :** human cervical cancer tissue, rat brain tissue

## Background Information

NCOR1, also named as KIAA1047 and TRAC1, belongs to the N-CoR nuclear receptor corepressors family. NCO1 mediates transcriptional repression by certain nuclear receptors. It is part of a complex which promotes histone deacetylation and the formation of repressive chromatin structures which may impede the access of basal transcription factors. The antibody recognizes the 103 kDa isoform of NCOR1.

## Notable Publications

Author	Pubmed ID	Journal	Application
Evangelia Lekka	36572670	Nat Commun	WB
Kenneth Allen Dyar	30096135	PLoS Biol	ChIP
Kuang-Min Cheng	38900294	Cell Mol Life Sci	WB,IP,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:

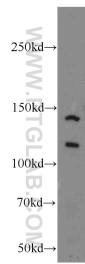
T: 4006900926

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

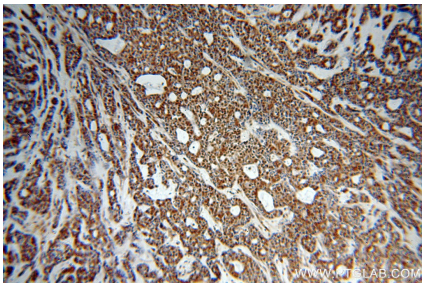
W: [ptgcn.com](http://ptgcn.com)

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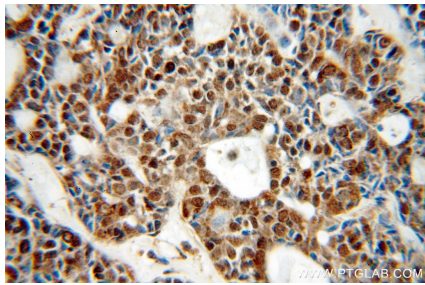
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 20018-1-AP (NCOR1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20018-1-AP (NCOR1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20018-1-AP (NCOR1 antibody) at dilution of 1:100 (under 40x lens).