

For Research Use Only

# NCOR1 Polyclonal antibody

Catalog Number: 20018-1-AP **7 Publications**



## Basic Information

<b>Catalog Number:</b> 20018-1-AP	<b>GenBank Accession Number:</b> NM_006311	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9611	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75376	
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear receptor co-repressor 1	
	<b>Calculated MW:</b> 270 kDa	
	<b>Observed MW:</b> 120 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, K-562 cells
<b>Cited Applications:</b> WB, IHC, IP, chIP	<b>IHC :</b> human cervical cancer tissue, rat brain tissue
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> 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**

## 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

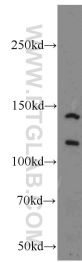
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1%BSA**

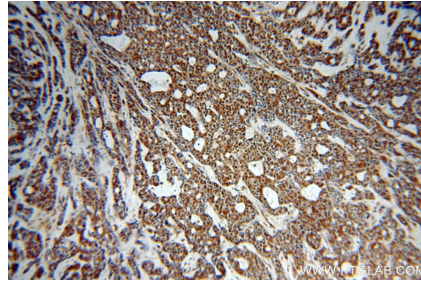
For technical support and original validation data for this product please contact:  
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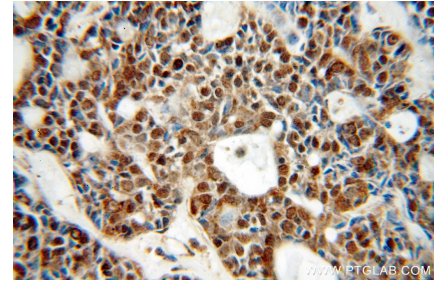
## Selected Validation Data



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).