

For Research Use Only

# NCOR2 Polyclonal antibody

Catalog Number: 29952-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 29952-1-AP	<b>GenBank Accession Number:</b> NM_006312	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9612	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y618	<b>IHC 1:400-1:1600</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear receptor co-repressor 2	<b>IF/ICC 1:400-1:1600</b>
<b>Immunogen Catalog Number:</b> AG30727	<b>Calculated MW:</b> 274 kDa	
	<b>Observed MW:</b> 274 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> Jurkat cells, MOLT-4 cells
<b>Species Specificity:</b> Human	<b>IHC :</b> human prostate cancer tissue,
<b>Cited Species:</b> human	<b>IF/ICC :</b> A549 cells,

**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

NCOR2, nuclear receptor corepressor 2 , is a transcriptional corepressor that contains several nuclear receptor-interacting domains. NCOR2/SMRT acts as a platform protein, facilitating the recruitment of histone deacetylases to the DNA promoters bound by its interacting transcription factors (PMID: 9150137). NCOR2 mediates the transcriptional repression activity of some nuclear receptors by promoting chromatin condensation, thus preventing access of the basal transcription (PMID: 23081895).

## Notable Publications

Author	Pubmed ID	Journal	Application
Chen-Hui Li	38837887	Adv Sci (Weinh)	WB

## Storage

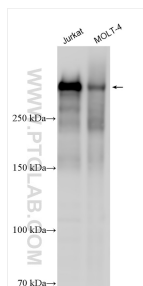
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

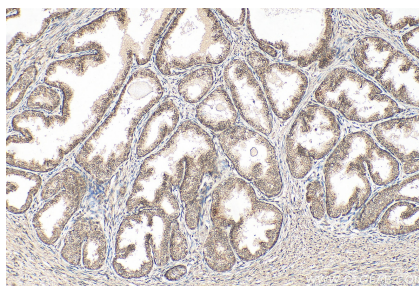
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

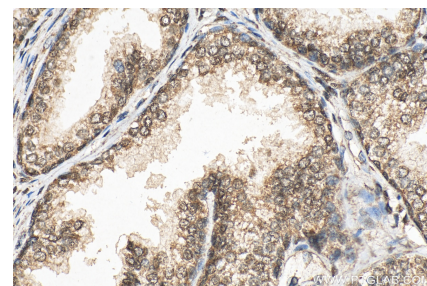
## Selected Validation Data



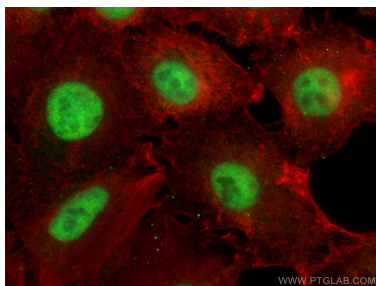
Various lysates were subjected to SDS PAGE followed by western blot with 29952-1-AP (NCOR2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29952-1-AP (NCOR2 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29952-1-AP (NCOR2 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using NCOR2 antibody (29952-1-AP) at dilution of 1:800 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).