

For Research Use Only

NCOR2 Polyclonal antibody

Catalog Number: 29952-1-AP



Basic Information

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

Applications

Tested Applications: WB, IF, IHC, ELISA	Positive Controls: WB : Jurkat cells, MOLT-4 cells IHC : human prostate cancer tissue, IF : A549 cells,
Species Specificity: Human	
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).

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

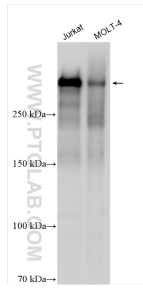
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

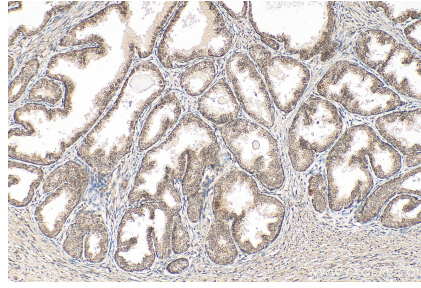
E: proteintech@ptglab.com
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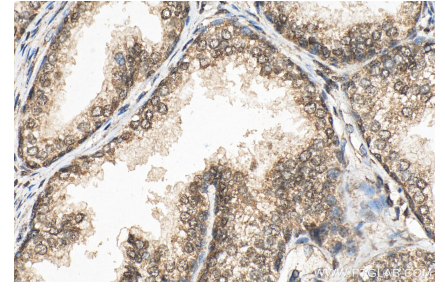
Selected Validation Data



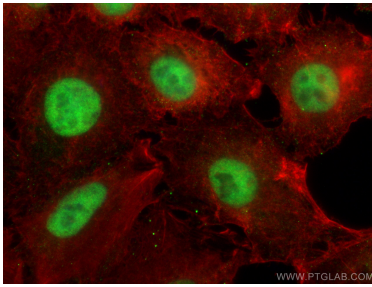
Various lysates were subjected to SDS PAGE followed by western blot with 29952-1-AP (NCOR2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



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 CoralLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).