

For Research Use Only

# NCOA3 Polyclonal antibody

Catalog Number: 29587-1-AP



## Basic Information

<b>Catalog Number:</b> 29587-1-AP	<b>GenBank Accession Number:</b> BC119001	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 550 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8202	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y6Q9	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> nuclear receptor coactivator 3	<b>IF/ICC 1:50-1:500</b>
<b>Immunogen Catalog Number:</b> AG30633	<b>Calculated MW:</b> 1424 aa, 155 kDa	
	<b>Observed MW:</b> 150-160 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> Daudi cells, HEK-293 cells, Hela cells, Jurkat cells, K-562 cells, MCF-7 cells, PC-3 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human lung cancer tissue, human skin cancer tissue
	<b>IF/ICC :</b> HeLa cells,

## Background Information

NCOA3, also named as AIB1, SRC3 and TRAM1, belongs to the SRC/p160 nuclear receptor coactivator family. NCOA3 is a nuclear receptor coactivator that directly binds nuclear receptors and stimulates the transcriptional activities in a hormone-dependent fashion. NOCA3 plays a central role in creating a multisubunit coactivator complex, which probably acts via remodeling of chromatin. Involved in the coactivation of different nuclear receptors, such as for steroids (GR and ER), retinoids (RARs and RXRs), thyroid hormone (TRs), vitamin D3 (VDR) and prostanoids (PPARs). NCOA3 also involved in the coactivation of the NF-kappa-B pathway via its interaction with the NFKB1 subunit.

## Storage

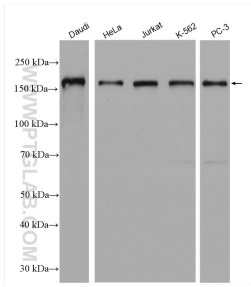
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

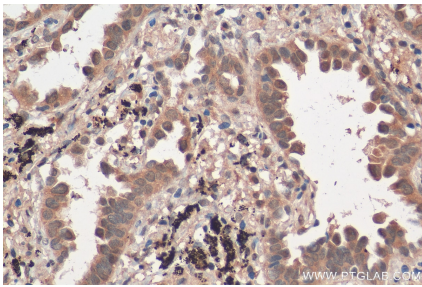
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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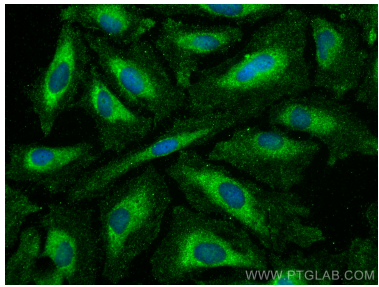
## Selected Validation Data



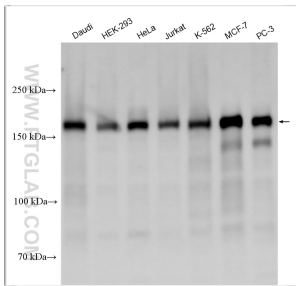
Various lysates were subjected to SDS PAGE followed by western blot with 29587-1-AP (NCOA3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 29587-1-AP (NCOA3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using NCOA3 antibody (29587-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Various lysates were subjected to SDS PAGE followed by western blot with 29587-1-AP (NCOA3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.