

For Research Use Only

# NCOA7 Polyclonal antibody

Catalog Number: 23092-1-AP

Featured Product

3 Publications



## Basic Information

<b>Catalog Number:</b> 23092-1-AP	<b>GenBank Accession Number:</b> BC137094	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 135112	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> nuclear receptor coactivator 7	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 972 aa, 106 kDa	
<b>Immunogen Catalog Number:</b> AG19315	<b>Observed MW:</b> 120-130 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, MCF-7 cells
<b>Cited Applications:</b> CoIP, IF, IHC, WB	<b>IP :</b> HEK-293 cells,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, mouse	

## Background Information

Nuclear receptors for steroids, thyroid hormones and retinoic acids are ligand-dependent transcription factors that activate transcription through specific DNA binding sites in their target genes. NCoA-7 (nuclear receptor coactivator 7), also known as ESNA1 or ERAP140, is a 942 amino acid nuclear protein that enhances nuclear receptor transcriptional activities and coactivates several nuclear receptors including PPARG, ESR1, THRB and RARA. Highly expressed in brain and weakly expressed in pancreas, bladder, ovary, spinal cord, prostate, mammary gland, ovary, uterus and stomach, NCoA-7 is a member of the OXR1 family and contains one LysM repeat and a TLD domain. This antibody is a rabbit polyclonal antibody raised against the N-terminal of human NCOA7 protein.

## Notable Publications

Author	Pubmed ID	Journal	Application
Maria Merkulova	29384414	Am J Physiol Renal Physiol	
Enrico Castroflorio	33340069	Cell Mol Life Sci	WB,CoIP
Jiayu Guo	37511343	Int J Mol Sci	WB,IHC,IF

## Storage

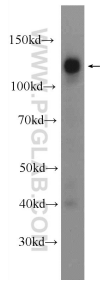
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

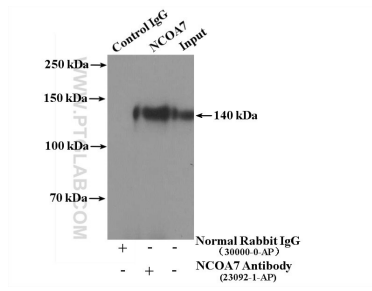
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 23092-1-AP (NCOA7 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-NCOA7 (IP:23092-1-AP, 4ug; Detection:23092-1-AP 1:1000) with HEK-293 cells lysate 3600ug.