

For Research Use Only

# NCOA5 Polyclonal antibody, PBS Only

Catalog Number: 20175-1-PBS

Featured Product



## Basic Information

Catalog Number:

20175-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14014

GenBank Accession Number:

BC056872

GeneID (NCBI):

57727

UNIPROT ID:

Q9HCD5

Full Name:

nuclear receptor coactivator 5

Calculated MW:

579 aa, 66 kDa

Observed MW:

66 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

Nuclear receptor coactivator 5 (NCOA5), also known as coactivator independent of AF-2 (CIA), possesses both repressor and activator functions (PMID: 11113208). It can interact with Estrogen Receptor (ER) alpha and ER beta in a ligand-dependent manner. NCOA5 has been shown to regulate the ER alpha-mediated transcription as well as the expression of the c-Myc gene (PMID: 11113208; 15073177). Recently identified as a conserved component of pluripotent stem cells, mammalian NCOA5 may contribute to the maintenance of the pluripotent stem cell population (PMID: 24268775).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

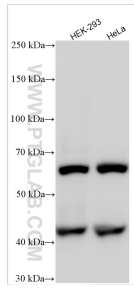
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

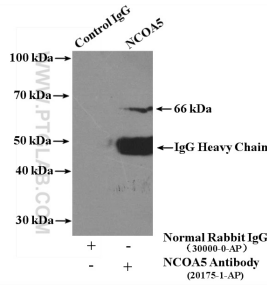
W: [ptgcn.com](http://ptgcn.com)

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

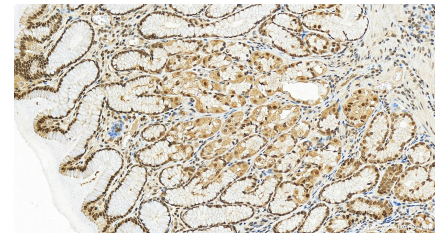
## Selected Validation Data



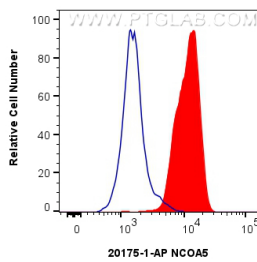
Various lysates were subjected to SDS PAGE followed by western blot with 20175-1-AP (NCOA5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20175-1-PBS in a different storage buffer formulation.



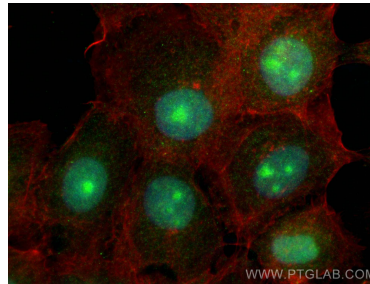
IP result of anti-NCOA5 (IP:20175-1-AP, 4ug; Detection:20175-1-AP 1:800) with HEK-293 cells lysate 3000ug. This data was developed using the same antibody clone with 20175-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 20175-1-AP (NCOA5 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20175-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug NCOA5 Polyclonal antibody (20175-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug rabbit IgG isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 20175-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using NCOA5 antibody (20175-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 20175-1-PBS in a different storage buffer formulation.