

Datasheet for ABIN7465996  
**anti-NCOA2 antibody (C-Term)**



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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | NCOA2   |
| Binding Specificity: | C-Term  |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This NCOA2 antibody is un-conjugated                                      |
| Application:         | Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant protein encompassing a sequence within the C-terminus region of human NCOA2. The exact sequence is proprietary. |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | Purified by antigen-affinity chromatography.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | NCOA2  |
| Alternative Name: | nuclear receptor coactivator 2 ( <a href="#">NCOA2 Products</a> )                          |
| Background:       | Nuclear receptor coactivator 2 , GRIP1 , KAT13C , NCoA-2 , SRC2 , TIF2 , bHLHe75,The NCOA2 |

## Target Details

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gene encodes nuclear receptor coactivator 2, which aids in the function of nuclear hormone receptors. Nuclear hormone receptors are conditional transcription factors that play important roles in various aspects of cell growth, development, and homeostasis by controlling expression of specific genes. Members of the nuclear hormone receptor superfamily, which includes the 5 steroid receptors and class II nuclear receptors (see below), are structurally characterized by 3 distinct domains: an N-terminal transcriptional activation domain, a central DNA-binding domain, and a C-terminal hormone-binding domain. Before the binding of hormone, steroid receptors, which are sometimes called class I of the nuclear hormone receptor family, remain inactive in a complex with heat-shock protein-90 (MIM 140571) and other stress family proteins. Binding of hormone induces critical conformational changes in steroid receptors that cause them to dissociate from the inhibitory complex, bind as homodimers to specific DNA enhancer elements associated with target genes, and modulate that gene's transcription. After binding to enhancer elements, transcription factors require transcriptional coactivator proteins to mediate their stimulation of transcription initiation (Hong et al., 1997 [PubMed 9111344]).[supplied by OMIM]

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Molecular Weight: 159 kDa

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Gene ID: 10499

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UniProt: [Q15596](#)

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Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Nuclear Hormone Receptor Binding](#), [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [CXCR4-mediated Signaling Events](#), [Thromboxane A2 Receptor Signaling](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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Comment: Positive Control: HeLa nucleus

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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## Handling

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|                    |  |
|--------------------|--|
| Concentration:     | 1 mg/mL  |
| Buffer:            | 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal   |
| Preservative:      | Thimerosal (Merthiolate)   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |